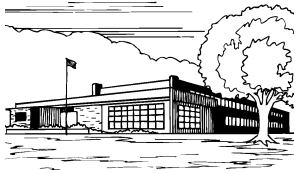


**Plainview–Old Bethpage
John F. Kennedy
High School**



**2025–2026
Curriculum Guide**



Plainview Old Bethpage John F. Kennedy High School

50 Kennedy Drive Plainview, NY 11803

Guidance Office: 516-434-3150

Dr. Heather Dvorak
Principal

Timothy Lamb
Assistant Principal

Katie Prudente
Assistant Principal

Thomas Schwartz
Assistant Principal

Dr. Ben Wiley
Assistant Principal

Laurie B. Lynn
Director of Guidance

Dear JFKHS Student,

The JFKHS Curriculum Guide has been prepared to help you make informed decisions about your academic program for the 2025-2026 school year. Review this document carefully and you will notice that Plainview-Old Bethpage John F. Kennedy High School offers a wide array of coursework in various disciplines. Offering this broad and diverse curriculum allows you to explore your interests and prepares you to make informed decisions about your future studies and career.

Take advantage of these opportunities. Remember, colleges seek students who are willing to challenge themselves to reach their full potential. Therefore, I encourage you to be thoughtful about your decisions. As you read, consider writing down questions you may have for your teachers, counselor, or other students who have taken courses you are interested in. Reviewing this guide serves as the first step of the scheduling process. Your parents, counselor, and teachers will be assisting you as you select your program for next year.

Sincerely,

Heather Dvorak

Principal

Dear Students, Parents and Guardians:

This guide provides an in-depth review of course offerings at POBJFKHS. It can be overwhelming to navigate and to know which academic path is the right one to choose. I encourage all students to carefully consider how they can best achieve a healthy balance in their day. Each school counselor is well prepared to help students in their reflection and exploration of course choices.

Please note: All course offerings are subject to change due to budget constraints, staffing constraints and Board of Education approval.

Sincerely,

Laurie B. Lynn

Laurie B. Lynn, Director of Guidance

Visit the District website at www.pobschools.org under Curriculum & Instruction

PLAINVIEW-OLD BETHPAGE CENTRAL SCHOOL DISTRICT

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Resources & Safety

Dr. James E. Bolen

Assistant Superintendent for Curriculum &
Instruction

Dr. Christopher P. Dillon

Assistant Superintendent for Business

HIGH SCHOOL ADMINISTRATION

516-434-3125

Dr. Heather Dvorak

Principal

Mr. Timothy Lamb

Assistant Principal

Ms. Katie Prudente

Assistant Principal

Mr. Thomas Schwartz

Assistant Principal

Dr. Ben Wiley

Assistant Principal

ACADEMIC DEPARTMENTS

Dr. Ben Wiley	Art	434-3015
Mr. Jeffrey Yagaloff	English	434-3185
Mr. Thomas Schwartz	Family & Consumer Science	434-3135
Ms. Regina Lee	Mathematics	434-3197
Mr. Michael Rodgers	Music & Performing Arts	434-3283
Mr. Joseph Braico	Physical Education, Health Education, Athletics and Recreation	434-3100
Dr. Joyce Barry	Science, Research & Technology	434-3191
Ms. Maria Carnesi	Social Studies / Business	434-3203
Ms. Sandra Parmentier	Special Education	434-3020
Mr. Leonardo Rivera	World Languages / English as a New Language	434-3179

GUIDANCE AND COUNSELING DEPARTMENT **516-434-3150**

Ms. Laurie B. Lynn, Director of Guidance

Ms. Jessica Baker	Mr. Joseph Izzo
Mr. Domenick DiDomenico	Mr. Daniel Jarmon
Ms. Sara Egosi	Ms. Cristina Rivas-Laline
Ms. Danielle Goodwin	Ms. Jennifer Siegel

PLAINVIEW-OLD BETHPAGE CENTRAL SCHOOL DISTRICT

MISSION STATEMENT

The mission of the Plainview-Old Bethpage Central School District is to prepare civic-minded students who productively participate in a diverse and ever-changing world as self-directed, confident, creative, curious, respectful and empathetic learners.

We do this by putting all students first, providing the necessary resources and support to:

- create a safe, inclusive environment that is focused on academic excellence, equity and where all students feel a sense of belonging;
- meet each student's academic, social, emotional, and physical needs;
- engage our learning partners in active collaboration and communication;
- include opportunities for student voices to be a part of the decision-making process.

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**LOCAL DIPLOMA / REGENTS DIPLOMA /
ADVANCED REGENTS DIPLOMA
REQUIRED SUBJECTS**

English	4 credits
Social Studies	4 credits
Mathematics	3 credits
Science	3 credits
Health	1 credit
Art / Music / Theater Arts / Technology	1 credit
Physical Education (½ unit each year)	2 credits
World Languages	1 credit
Plus Electives / Sequences	3 credits
TOTAL	22 credits

Commencing with the Class of 2023, students must successfully complete at least one course that satisfies a Public Speaking requirement. Courses satisfying this requirement are notated appropriately in their course descriptions.

DIPLOMA REQUIREMENTS

All New York State students have access to the local diploma, the Regents diploma, and the Regents diploma with advanced designation. Any diploma type requires the successful completion of the appropriate 22 credits. The difference between diploma types lies in the number of assessments the student passed and the required passing score(s).

Assessment Requirements for a Regents or Local Diploma

In addition to successful completion of the appropriate 22 credits, in order to earn a Regents or local diploma, students must pass*

- 4 Regents exams or Department-Approved Alternatives, one in each discipline (English Language Arts, Mathematics, Science, Social Studies); and
- One pathway (students must pass one of the following)
 - Additional Social Studies Regents exam; or
 - Additional Science Regents exam; or
 - Additional Mathematics Regents exam; or
 - Approved CTE (Career & Technical Education), CDOS (Career Development & Occupational Studies), LOTE (Language Other Than English) or Arts Pathway Assessment

Assessment Requirements for a Regents Diploma with Advanced Designation

In addition to the successful completion of the appropriate 22 credits, students must pass two additional math assessments and one additional science assessment along with the required 4-5 assessments included in any of the pathways. This totals 7 Regents exams and one pathway. In addition, students must choose one of the three sequence options below:

- 2 additional credits in World Language (for a total of 3 credits) and the Checkpoint B World Language Exam; or
- 5-unit sequence in the Arts; or
- 5-unit sequence in CTE

Special Endorsements

- Honors: Student has earned a computed average of a 90 or more on the Regents exams applicable to the diploma. The Checkpoint B exam is not included in this calculation.
- Mastery in Math and/or Science: A student meets all the requirements for a Regents diploma with advanced designation AND earned a score of 85 or better on 3 math Regents Exams and/or 3 science Regents Exams.
- Technical Endorsement: A student meets the requirements for either a local or Regents diploma, or a Regents diploma with advanced designation AND successfully completes an approved CTE program including the 3-part technical assessment.
- Seal of Biliteracy: A student meets the criteria for earning the NYS Seal of Biliteracy (see page 11)
- Seal of Civic Readiness: A student meets the criteria for earning the NYS Seal of Civic Readiness (see page 12)

LOCAL DIPLOMA OPTIONS FOR STUDENTS WITH DISABILITIES

Low Pass Safety Net	Compensatory Safety Net
<ul style="list-style-type: none"> • 55-64 on ELA, one math, one science, Global and US History Regents Examinations* 	<ul style="list-style-type: none"> • Score between a 45-54 on one required Regents Examination other than ELA or one math* can be compensated by a score of 65 or above on another required regents exam including ELA and Mathematics • ELA and one math must be a minimum of 55*

NON-DIPLOMA EXITING CREDENTIALS

Career Development and Occupational Studies Credential (CDOS)	Skills and Achievement Commencement Credential (SACC)
<ul style="list-style-type: none"> • Students with disabilities qualify for this supplement to diploma OR can be used as exiting credential for those who are unable to meet above requirements • Recognizes work readiness skill through a combination of work-based experiences 	<ul style="list-style-type: none"> • Students with severe disabilities assessed using NYSSA

Students with a disability who are unable to attain a local diploma through the various safety net provisions may be eligible for a Superintendent Determination of a local diploma under certain conditions.

New York State CTE Programs of Study

Program Coordinators:

Ms. Gina Farrell: gfarrell@pobschools.org

Mr. Scott Lieberman: sliebreman@pobschools.org

The Career and Technical Education (CTE) endorsement is a distinction on a student's high school diploma in the form of a New York State Education Department Seal indicating that a student has completed coursework in a state-approved CTE program. POBJFK High School currently offers five New York State approved CTE programs. For additional information, please visit the high school's homepage.

POBJFK's approved programs are:

Business Management and Entrepreneurship		Business Law	Early Childhood Education
Required Courses <ul style="list-style-type: none"> • Career & Financial Management • Computer Concepts & Applications • College Virtual Enterprise • WBL/Internship 		Required Courses <ul style="list-style-type: none"> • Career & Financial Management • College Business • Principles of Law • Advanced Principles of Law • WBL/Internship 	Required Courses <ul style="list-style-type: none"> • Career & Financial Management • College Early Childhood Education • WBL/Internship
Additional Courses (1.5 credits in one of the business pathways) <ul style="list-style-type: none"> • Entrepreneurship • Accounting/Finance • Law • Marketing 		Additional Courses (One of the following classes) <ul style="list-style-type: none"> • College Business Administration • College International Business • Accounting 1 • College Accounting 	Additional Courses (1.5 credits in the courses below) <ul style="list-style-type: none"> • Child Development • Human Development • Food, Nutrition and Wellness
Television and Video Production		Pre-Engineering	
Required Courses <ul style="list-style-type: none"> • Career & Financial Management • Video Production I • Video production II • College Video Production • WBL/Internship 		Required Courses <ul style="list-style-type: none"> • Career & Financial Management • Design & Drawing for Production • Robotics • College Engineering • WBL/Internship 	
Additional Courses: <ul style="list-style-type: none"> • None 		Optional Courses: <ul style="list-style-type: none"> • Modern Manufacturing • Aeronautics • Careers in Engineering • Architecture 	

NYS Seal of Biliteracy

The NYS Seal of Biliteracy recognizes high school graduates who have attained a high level of proficiency in English and one or more world languages. The intent of the NYSSB is to encourage the study of languages, to identify high school graduates with language and biliteracy skills for employers, to provide universities with additional information about applicants seeking admission and placement, to prepare students with twenty-first century skills, to recognize the value of language instruction, and to affirm the value of diversity in a multilingual society. The NYSSB takes the form of a Seal on the student's diploma and a medallion worn at graduation.

Successful candidates will earn three points in English and three points in each world language from a points matrix, which includes course grades, national and state exams, transcripts, and culminating portfolio project and presentation delivered entirely in the world language. Students must demonstrate an Intermediate High level of proficiency for Romance Languages and Intermediate Mid for Asian languages.

The review of the culminating project will be overseen by the director of the World Language department and members of the World Language and/or English departments as deemed necessary by the World Language director.

Students may apply in their Senior year and must be enrolled in a level 5 (Checkpoint C) World Language course. *English as New Language students may apply for a special appeal if not currently enrolled in a world language course.* Languages not currently offered at POB may be included in the Seal application and are subject to the same world language requirements.

The Seal of Civic Readiness

The Seal of Civic Readiness is a formal recognition that you have attained a high level of proficiency in terms of civic knowledge, civic skills, civic mindset, and civic experiences. **The Seal of Civic Readiness appears as a distinction on your high school transcript and diploma that:**

- Shows your understanding of a commitment to a participatory government, civic responsibility and civic values;
- Demonstrates to universities, colleges and future employers that you have completed [two](#) civic action projects; and
- Recognizes the value of civic engagement and scholarship.

In addition to the Seal appearing on your transcript and diploma, earning a Seal will provide you with a red, white and blue honor cord to be worn at graduation.

- You must demonstrate proficiency in two domains:
 - Civic Knowledge (at least 2 pts.)
 - Civic Participation (at least 2 pts.)
- A total of six points **must** be obtained to qualify for the Seal.

Civic Knowledge	Pts.	Civic Participation	Pts.
4 credits of social studies	1	High School Civics Project (limit two times during grades 9-12)	1.5
Mastery level on Social Studies Regents Exam	1.5*	Service-Learning Project (minimum 25 hours) and reflective civic learning essay/presentation/product	1*
Proficiency level on Social Studies Regents Exam	1*	Earned credit in an elective course that promotes civic engagement	.5*
Advanced social studies course(s)	.5*	Middle School Capstone Project (Grades 7 and 8 are only eligible for this point)	1
Research Project	1	Extra-curricular participation or work-based learning experience (minimum 40 hours) and an essay/presentation/product	.5*
		Civics Capstone Project	4

*Students may receive these points more than once.

Advanced Placement

The College Board's Advanced Placement Program (AP) allows high school students to take college-level courses and exams and earn college credit or advanced placement. POBJFKHS offers courses in:

English

English Language & Composition
English Literature & Composition
English 10 Capstone Seminar
English 12 Capstone Research

Mathematics

Calculus AB
Calculus BC
Computer Science A
Computer Science Principles
Statistics

Social Studies

United States History
Human Geography
Macroeconomics
Psychology
US Government & Politics
World History

Interdisciplinary

Capstone Research

Science

Biology
Chemistry
Environmental Science
Physics 1
Physics 1 & 2
Physics C (Mechanics; Electricity & Magnetism)

World Languages

Chinese Language & Culture
French Language & Culture
Italian Language & Culture
Spanish Language & Culture

Music

Music Theory

Art

2D Design: Computer Graphics
2D Design: Photography
2D Design: Fashion
2D Design: Studio Art
3D Design: Studio Art
Art History

- All students taking an AP course are expected to take the AP Exam in May.
- The cost of the examination*, must be paid by a parent or guardian.
- AP grades carry a weight of 7% in a student's cumulative grade point average.
- The "AP" designation and weighting will be removed from the official transcript if the student does not take the AP exam. The weighting will be changed to 5% consistent with Honors and College courses.
- The decision not to take the AP exam must be submitted in writing by a parent/guardian by April 1. As per College Board regulations, students making changes after November 15 will be charged \$40.
- As with any schedule change, colleges that the student has applied to will be notified of this change.

* The 2024-25 fee is \$100 per AP exam. The AP Capstone exam fee is \$148 per exam. Students with financial need (approved for Free or Reduced Lunch Program) are provided with a fee reduction of \$45 per exam).

Advanced Placement (AP) Examinations may include the following benefits:

- Develop college-level academic skills and habits.
- Exemption by your college or university from beginning courses and permission to take higher level courses in certain fields.
- Academic credit for exams taken, which means fewer graduation requirements.
- Tuition savings -- up to a year of credit may be given for three or more qualifying AP grades.
- Time to explore undergraduate subject areas that you would not otherwise be able to study.
- Eligibility for honors and other special programs open to students who have received AP recognition.

AP Capstone Program

AP Capstone is an innovative diploma program that helps students stand out in the college admission process by developing the critical skills needed to succeed in college and in life. AP Seminar and AP Research allow students to immerse themselves in topics that matter to them while developing the analytic, research, problem-solving, and communication skills that colleges seek in their applicants. This challenging program helps students deepen their passion for learning, gives them great confidence in their academic skills and provides a broader perspective on a student's world.

Students who earn a 3 or higher on the AP Seminar and AP Research Exams and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. This signifies outstanding academic achievement and attainment of college-level academic and research skills. Alternatively, the AP Seminar and Research Certificate, signifying attainment of college-level academic and research skills, is awarded for scores of 3 or higher on the AP Seminar and AP Research Exams only.

College-Level Courses

Plainview-Old Bethpage John F. Kennedy High School provides students an opportunity to take college courses and earn college credits through four (4) universities: Adelphi University, Long Island University, Hofstra University, Stony Brook University, and Farmingdale State College. All courses offered by these institutions carry credit which may be applicable toward a degree at other colleges and universities. Applications with registration instructions are distributed by the course instructors in September. Each institution has specific registration procedures that must be followed to ensure proper registration and receipt of course credit. Please note that the tuition fees listed in the following chart are of the current school year and are subject to increase yearly. In the event that a student chooses to withdraw from a course, they must follow the deadlines and procedures established by the institution. The awarding of college credit is solely determined by the college or university attended by the student. This decision can be based on a variety of factors including but not limited to the student's course grade and the student's intended major. Credits may be awarded as elective credits, credits within a particular department, or may waive prerequisite requirements for higher level courses.

The following chart outlines the College Level courses currently being offered, with costs for the 2024-2025 school year. Fees and course availability are subject to change. College level course grades carry a weight of 5% in a student's cumulative grade point average.

Name of Course	College	Potential Benefit	Cost	Comments
College Accounting	LIU	3 Fall credits 3 Spring credits	\$290 \$290	10/1 deadline 2/28 deadline
College Marketing	LIU	3 credits	\$290	10/1 deadline
College Business Law	LIU	3 credits	\$290	10/1 deadline
College International Business	LIU	3 credits	\$290	10/1 deadline
College Advanced Investment Strategies	LIU	3 credits	\$290	2/28 deadline
College Business Administration	LIU	3 credits	\$290	10/1 deadline
College Virtual Enterprise	LIU	3 Fall credits 3 Spring credits	\$290 \$290	10/1 deadline 2/28 deadline
College Sports Management	LIU	3 credits	\$290	10/1 deadline
College Real Estate	LIU			
College Microsoft Excel	LIU	6 credits	\$290	10/1 deadline 2/28 deadline
College Anatomy and Physiology	LIU	8 credits (4 per semester)	\$290/ semester	10/1 deadline
College Health Related Careers	LIU	3 credits	\$290	10/1 deadline
College Radio Production	LIU	3 credits	\$290	10/1 deadline
College Early Childhood Education	LIU	3 credits	\$290	10/1 deadline
Intro to Front End Web Development	SUNY Farmingdale	3 credits	\$150	10/1 deadline
College Calculus III (Multivariable Calculus)*	Johns Hopkins U.	4 credits	\$290	10/1 deadline
College ASL	Adelphi University	6 credits (3 per semester)	\$390/ semester	10/21 deadline 3/10 deadline
College French	Adelphi University	6 credits (3 per semester)	\$390/ semester	10/21 deadline 3/10 deadline
College Spanish	Adelphi University	6 credits (3 per semester)	\$390/ semester	10/21 deadline 3/10 deadline
College Engineering	Hofstra University	3 credits	\$390	11/1 deadline
College Video Production	Hofstra University	3 credits	\$390	11/1 deadline
College Architecture	NY Institute Technology	TBD	TBD	TBD
College Statistics	SUNY Farmingdale	3 credits	\$150	11/15 deadline
College Calculus I	SUNY Farmingdale	4 credits	\$200	11/15 deadline
Emergency Medical Technician Basic (EMT-B)	NCCRS/ NYSED	6 credits	Free	Must successfully complete certification
College Sports Medicine	TBD	TBD	TBD	TBD

Honors Level Courses

Honors courses are offered for students of superior promise in English, Social Studies, World Languages, Mathematics, Science, Art and Music. Honors study in one or more of these areas is based upon a consideration of the student's ability to engage in an enriched program. Honors Level course grades carry a weight of 5% in a student's cumulative grade point average.

Regents Level Courses

Regents examinations are assessments developed by the New York State Education Department and are the foundation of the student assessment process. Assessments are rigorous and include such expectations as writing, science experiments, and demanding mathematical problems applied to real life or work situations. Not all Regents level classes culminate in a Regents exam. Those courses include: Algebra I, Geometry, Algebra 2, Global 10, United States History, English 11, Earth Science, Living Environment, Chemistry and Physics.

RECOMMENDATIONS FOR HONORS / AP COURSES

The purpose of the following guidelines is to clearly define the criteria used in recommending student placement. Honors and Advanced Placement programs are designed for students who demonstrate a high level of interest, aptitude and success in the subject matter.

Recommendation criteria for the student:

- Works well independently; seeks help only when necessary; does not require detailed or repeated directions from the teacher in order to proceed.
- Is creative; can think of methods to try; or use original methods when faced with a problem or situation.
- Readily applies learned principles to new situations; can solve novel problems; responds well to guided discovery.
- Responds positively to challenging situations; shows persistence in searching for solutions; finds satisfaction in independently solving a problem rather than accepting another person's solution or help.
- Likes to analyze, generalize, derive, prove and abstract; investigates relationships and alternative solutions.
- Has a strong intuitive sense for the subject matter. Sorts out key relationships quickly.
- Shows a high degree of interest and motivation; is intellectually curious and a critical thinker.
- Has experienced high achievement in past courses without undue stress; has not depended heavily on rote learning or tutoring.
- Shows above average ability in oral and written expression.
- Ability to demonstrate long-term planning skills.

(Adopted by the 2005-2006 Shared Decision Making Team from the College Board Advanced Placement Statistics ListServ.)

Why Choose an Honors Grouping?

In a comprehensive high school, the educational program is designed to provide for the maximum intellectual group of all students. Special provisions are made for each student according to his or her needs, interests and abilities. Honor sections aim to promote the maximum development of students.

The curriculum in honors sections is different from that in the regular classes. Standards in the honors sections are higher and greater demands are made of the students.

For example:

In the **English** honors sections, a more difficult and varied vocabulary list must be mastered; students are required to read -- extensively and intensively -- periodicals and books of indisputable value. Students are expected to write not only with correctness, but also with power and effectiveness.

The **Social Studies** honors experience provides students with numerous, rigorous opportunities to develop and enhance the habits of mind necessary to be self-directed learners. Comprehension and analysis of primary and secondary sources coupled with intensive skill building enables students to develop the skills of a historian.

In the **Mathematics** honors sections, students are exposed to a more rigorous and abstract approach to the structure of mathematical systems and ideas. At each level, topics described by the State Education Department as "optional" are included.

In the **Science** honors sections, students are required to understand the theory behind descriptive material. The students do more comprehensive lab work and extensive related reading. They are exposed to more complex mathematical development of scientific theories.

In the **World Languages** honors sequence, students refine their performance and proficiency in the language studied. The honors sequence leads students to perform at ACTFL's intermediate high/advanced low range at a much faster pace. Students are tasked with analyzing a variety of authentic material and they must produce an array of written and spoken assignments and projects.

PROMOTION

Grade 9-10	5 credits
Grade 10-11	10 credits
Grade 11-12	15 credits

All students who fail a course are strongly recommended to attend summer school. No student can take the same course more than twice, without permission of the principal, including summer school.

SUMMER SCHOOL

Students who fail a full-year course but maintain attendance qualify for summer school. Students who have withdrawn from a course may not repeat the course in summer school. No student can take more than two courses for credit in summer school, except seniors needing three credits to graduate.

TESTING PROGRAM

1. The Preliminary SAT National Merit Scholarship Qualifying Test (PSAT/NMSQT)

This test measures critical reading, math, language and writing skills that students develop over many years. The test is intended to let students practice for the SAT Reasoning Test and enter the National Merit Scholarship competition (juniors only). The PSAT is administered to students in October of their junior year and is available to sophomores as an additional opportunity for practice.

2. The SAT

This test measures critical reading, writing, language and mathematical skills developed over time. Scores from this test provide colleges with a way to compare the academic preparation and ability of students who apply for admission. It is recommended that students take the SAT in the spring of their junior year and in the fall of their senior year.

3. The ACT

This test measures skills in English, mathematics, reading, science reasoning and writing. Colleges accept ACT scores for admission and placement as readily as they do SAT scores. It is recommended that students take the ACT in the spring of their junior year.

GUIDANCE AND COUNSELING DEPARTMENT

Ms. Laurie B. Lynn, Director K-12

LLynn@pobschools.org

516-434-3150



GUIDANCE AND COUNSELING DEPARTMENT

THE ROLE OF THE SCHOOL COUNSELOR

The primary function of the Guidance and Counseling Department is to focus on the individual needs of each student in order to maximize their potential. School Counselors work with students, individually and within the classroom setting, to support and assist them with their academic, social / emotional, behavioral and personal development. Counselors also work collaboratively with students, parents, teachers and other professionals in order to identify and minimize any barriers that stand in the way of student success. Counselors specialize in post-secondary and transition planning. In addition, counselors serve as an important source of information, resources, and referrals.

The following Guidance and Counseling Department services are available:

- Individual Counseling
- Group Counseling
- Post-secondary and Transition Counseling
- Parent / Guardian Orientation programs
- Classroom Presentations
- School-wide Initiatives
- Scheduling
- Community Outreach
- Articulation and Advocacy
- Resources and Referrals



THE ROLE OF THE SCHOOL PSYCHOLOGIST

The School Psychologists at Plainview-Old Bethpage JFK perform a variety of services for students, faculty, administration and parents that include:

- Assess and evaluate students' needs, strengths and weaknesses via observation, psychological testing, interviews, etc.
- Provide direct assistance to students to produce specific behavioral changes.
- Plan for appropriate remediation and / or placement, i.e. special education programs, alternative education approaches, learning / behavioral plans, etc.
- Provide direct assistance to students to produce specific behavioral changes.
- Refer, when necessary, to appropriate community agencies, clinics, therapists, etc.
- Crisis intervention for students experiencing emotionally stressful or traumatic circumstances.
- Consult with teachers, school counselors, social workers, nurses, administrators and parents in dealing with student problems.
- Serve on committees for establishing and / or improving support services for students and improving school climate.
- Provide on-going and short-term individual and group counseling for students.
- Develop and support prevention efforts and social, emotional learning.

The School Psychologist, as a member of the Pupil Personnel Services team and of the high school faculty, shares with teachers, administrators and other school personnel the basic goal of making adequate provisions for meeting individual student needs. The psychologist advises and assists the school staff in such psychological considerations as understanding symptoms, causes, contributing factors and consequences of behavior. As part of the coordinated contribution of all pupil personnel staff, the psychologist's services complement the efforts of teachers, school counselors and administrators in the provision of an educational climate that encourages the optimal development of the student's potential and promotes social and emotional well-being.

THE ROLE OF THE SCHOOL SOCIAL WORKER

The social workers at Plainview-Old Bethpage JFK High School support students' academic and social success by providing specialized services that include:

- Individual and group counseling
- Crisis intervention for students and families
- Substance abuse prevention and intervention
- Case management for students with multiple needs
- Intervention services for attendance and suspension issues
- Assistance for students in developing advocacy skills
- Referrals for community resources
- Liaison between school and community agencies

Social Workers provide intensive services for students experiencing multiple risk factors to support educational success. They assist students and families with obtaining resources with the school and community. The Social Worker is part of the total educational team working with other disciplines to provide the best educational experience for all students.

BOCES

Any 10th or 11th grade student interested in participating in BOCES Career & Technical Education programs for the following school year must notify their school counselor in writing by the end of the first marking period of the year prior to attendance. Students must strictly adhere to the Board of Education policy and school protocols regarding available programs, eligibility criteria and admission procedures. Requests made after the written deadline may not be honored. Students and parents are strongly encouraged to discuss which specific vocational programs are available and appropriate.

The Twilight Program

The Twilight Program is an alternative setting in the late afternoon, beginning at 2:30 p.m. after the traditional school day ends. It is for students who have not succeeded in the traditional education setting or are unable to get to school. Students follow the same Regents based curriculum and are prepared to take the Regents exam in June (if applicable). Students receive individualized and differentiated support, as classes are small (typically between 1-6 students). Teachers are flexible and creative in their instruction, focusing on the needs and the interests of the students. For some students, Twilight can serve as an avenue for credit recovery in order to satisfy graduation requirements. For others, the program can serve as a complete academic program or as a supplement to a student's academic day. Twilight is not necessarily permanent. Twilight can be used as a means to build academic and personal confidence and transition back to the traditional school day.

HOW TO MAKE A GUIDANCE APPOINTMENT

Guidance and Counseling Department appointments can be made through a Guidance Department secretary or school counselor. In addition, appointments can be made online. Links for each counselor can be found on the Guidance Department website. If students are called from classes for a counseling appointment, they are responsible for making up class work due to a guidance visit.

PROGRAM PLANNING

The student and counselor will meet each year to plan the student's program carefully. It is wise to plan to take courses that not only meet graduation requirements, but also permit for options after graduation. It is an important function of the Guidance Department to help individualize course selections in order to explore interests, develop skills and meet educational and career requirements.

THE BASICS FOR COURSE SELECTION

In planning course selection, please make sure that you have:

1. Consulted your teachers, school counselor and parents;
2. Considered future goals and aspirations;
3. Evaluated past performance as measured by report cards, standardized tests and teacher recommendations;
4. Selected the strongest and most realistic program you can successfully complete;
5. Fulfill graduation requirements.

COURSE SCHEDULE CHANGES

During the week preceding the opening of school, schedule change requests will be accommodated for the following reasons:

- A. Incomplete programs
- B. Scheduling error
- C. Changes that result from summer school classes
- D. Instructional level change (see following section)

While every effort is made to accommodate a student's first preference with regard to electives, circumstances sometimes dictate that alternate electives be used to schedule his / her classes effectively.

All students in grade 9 through 11 will be assigned a lunch period, as the POB District believes all students should be dedicating time during the day to relax, socialize and to nourish the body. Students in grade 12 will be given a lunch period if it is requested during the scheduling process. Any student, in grades 9 through 11, who chooses not to follow the school's lunch recommendation and requests to take an additional class, can "opt-out" of the lunch period by signing a Lunch Period Waiver Form, available on the POBJFKHS website. The form must be signed by a parent / guardian.

Course Level Change Requests and Open Enrollment (Self-Selection)

The students, parents, community and staff of Plainview-Old Bethpage Central School District value the pursuit of scholastic excellence. Part of our school district's mission is to challenge all students to reach their highest potential. The district's Self-Selection policy is designed to make this goal a practical reality for all students.

Working collaboratively with the middle schools and high school, parents make informed decisions on the best academic placements for their children at the secondary level (7-12). The schools provide parents and students with information on course offerings, which specifies any prerequisites, identifies the difficulty level, describes the content of the course, and explains the expectations for students in each class. While this process is a collaborative one, it is district policy to honor the students' and parents' final decision.

As the skills needed for success at the college level may take time to fully develop, students are encouraged to allow time for adjustment to the rigors of AP courses.

Students who have not been recommended by their teacher for an Honors or AP course may still enroll in the course. In such cases, the student may be asked to meet with their counselor and request a "Self-Selection form". The counselor and / or academic chairperson, based on the student's academic record and progress, may require that a conversation take place regarding the appropriateness of the student's choice(s). In these cases, the form must be completed by the student and signed by the parent or guardian in order to complete the enrollment for that course.

If a student finds that their course is not the appropriate level, they may request a level change. If they do so before the published deadline, their grades will not be transferred to their new course. In these cases, their class average will be computed by averaging their quarterly grades from the 2nd, 3rd and 4th quarters as well as their midterm and final assessment. If the change occurs after the deadline, the student's grades from their original class will be used in the calculation of the new course grade.

Students and parents should be advised that once a student has signed up for a course, there is no assurance that a request for a level change can be accommodated. All requests will be subject to availability. In addition, it is important to note that requesting a level change for a particular course may result in an undesirable disruption to the student's original schedule. When requesting any level change students will be placed in the lowest enrolled section of the corresponding Regents level course. Students are encouraged to research their course options carefully when choosing their courses.

Teachers, counselors and departmental supervisors are available to discuss questions regarding the course expectations and recommended preparation. It is important to note, however, that the final decision regarding placement rests with the students and his / her parents.

Schedule Change Deadlines

Students are discouraged to withdraw from classes that were selected by them, confirmed by parents, and recommended and approved by faculty and/or school counselors. Unless there has been an error in scheduling, students will not be permitted to withdraw from or add any course until the first six (6) full days of attendance has passed.

Students may then *request* a change to their schedule until one week after the first quarter progress report has been posted. It is important to note that there is no guarantee that requests will be able to be accommodated. Placement into new courses will be based on class size, and every attempt will be made to place students in the lowest enrolled section. Classes that are dropped after this add/drop deadline will appear on the transcript, noted with a W (Withdrawal).

As a caveat, students requesting a level-change down from an Advanced Placement, College, or Honors course into a parallel curriculum may do so until the end of the first marking period (quarter). If a change is made after this time, the first quarter grade will be used in the calculation of the new course's final grade.

Should a student change course levels prior to deadline, a 'NG' (no grade) may appear on the report card. In this case, the final course grade will be calculated by the average of the remaining three quarter grades.

Senior Students who have a change in scheduling for any reason will have an updated official transcript sent to all applied colleges.

PARENT PORTAL

Plainview-Old Bethpage John F. Kennedy High School is committed to providing parents with timely information about their children's work and achievement. You can readily establish your account within the Parent Portal. Once activated, you have a unique username and password, enabling you to access your children's achievement, attendance, and assessment information as it is posted.

NCAA REQUIREMENTS

Students who are interested in playing sports in college, early preparation is critical.

For additional information for student-athletes visit [Core Courses - NCAA.org](https://www.ncaa.org) or speak with your counselor.

Students are also advised to create a free account with Core Course GPA by visiting

www.clearinghousecalculator.org.

Division I - 16 Core Courses

4 years of English

3 years of mathematics (Algebra 1 or higher)

2 years of natural / physical science (including one year of lab science)

1 year of additional English, mathematics or natural / physical science

2 years of social science

4 years of additional courses (from any area above, foreign language or comparative religion / philosophy)

10 out of 16 core courses must be completed before your 7th semester, and 7 of the 10 must be in English, mathematics or natural / physical science

Minimum requirements = 2.3 GPA (equivalent to a 77-79 GPA)

Division II - 16 Core Courses

3 years of English

2 years of mathematics (Algebra I or higher)

2 years of natural / physical science (including 1 year of lab science)

3 years of additional English, mathematics or natural / physical science

2 years of social science

4 years of additional courses (from any area above, foreign language or comparative religion / philosophy)

Minimum requirements = 2.2 GPA (equivalent to a 75-77 GPA)

NAVIANCE

Naviance is a web-based resource for students and parents that encourages and supports post high school career and college planning. Naviance Student is specific to Plainview-Old Bethpage John F. Kennedy High School and is linked with Naviance Succeed, a service that is used in the counseling office and by faculty members. All students and parents receive a unique username and password, which allows access to the career exploration feature as well as the college and scholarship search. Students will utilize Naviance Student to complete their college admissions applications.

What's New for 2025-2026

We are excited to have several new courses and CTE Pathways added for the 2025-2026 school year. Complete course and program descriptions can be found in this Curriculum Guide in the department's section. These courses are:

New Courses

Art	Ceramics & Sculpture III
Science	Marine Science

There have also been some modifications made to current courses. These are:

Advertising & Design	Formerly Advertising & Design I
Physical Education 9	Formerly Physical Education 9/10
College Sports Medicine (Care and Prevention of Athletic Injuries)	Formerly Sports Physiology and Medicine II
Architecture	Formerly Architecture 1 and Architecture 2



ART DEPARTMENT

Dr. Ben Wiley, Coordinator (Gr. 5-12)

BWiley@pobschools.org

516-434-3125



Art Department Flow Chart: Grades 7-12

Grade 7

Art 7

Grade 8

Studio Art
(Full-Year)

OR

Art 8
(Half-Year)Grade 9
NYS Arts Grad. Credit Courses

Studio Art

OR

Media Arts

Grade 10

** Ceramics
& Sculpture I

** Fashion I

** Photography I

** Drawing
& Painting I

* Computer Graphics I

Grade 11

Ceramics
& Sculpture II

Fashion II

Photography II

Drawing
& Painting II

Computer Graphics II

Grade 12

AP 3D /
Ceramics
& Sculpture IIIAP 3D /
Fashion IIIAP Photo /
Photography IIIAP Drawing /
Drawing
& Painting IIIAP Computer Graphics /
Computer Graphics III

* Advertising & Design

AP Art History

Only offered to students in grades 10-12.

* The prerequisite of Computer Graphics I and Advertising & Design is Media Arts.

** Although Studio Art is the recommended prerequisite for all non-computer based art sequences (*Drawing & Painting*, *Photography*, *Fashion*, *Ceramics & Sculpture*), Media Arts can also serve as a prerequisite to these courses.

ART

STUDIO ART

COURSE #: 801

CREDIT: 1

COURSE DESCRIPTION:

This course provides opportunities for developmental growth through a series of art experiences with varied art mediums; encourages creative expression through a variety of techniques; stimulates an awareness of individual needs; develops confidence in creative expression, an appreciation for the artistic endeavors of others and contributes to an understanding of the visual world. Students will experience both two-dimensional and three-dimensional art projects. This course is recommended for students who are not enrolled in Drawing and Painting I and are considering a major in art. The studio environment emphasizes creative problem solving and fulfills the New York State graduation requirement of one year (1 credit) in Art, Music or Technology.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Projects, presentations (individual and group), rubrics, group critiques, individual critiques and classroom participation.

SUMMER ASSIGNMENT: None

HOMEWORK: Students are given homework assignments to reinforce techniques taught in class.

PHOTOGRAPHY I

COURSE #: 818

CREDIT: 1

COURSE DESCRIPTION:

This course is designed to familiarize students with various photographic processes and techniques. The content of this course will be equally split between digital photography and traditional darkroom techniques. Students will learn composition, use of light, motion and depth of field using both the digital camera and traditional 35mm camera; as well as the basics of Adobe Photoshop in conjunction with these topics. Students will also investigate the aesthetic criteria necessary in making this an art form based on the elements of Art and Principles of Design.

PREREQUISITE: Studio Art, Media Arts or Drawing & Painting I (accelerated)

ASSESSMENTS UTILIZED: Rubrics, project, critiques

SUMMER ASSIGNMENT: None

HOMEWORK: Students must shoot most projects outside of class time.

PHOTOGRAPHY II**COURSE #: 819****CREDIT: 1****COURSE DESCRIPTION:**

This course is a continuation of Photography I with an emphasis on advanced shooting for both digital and darkroom techniques. The content of this course will be equally split between digital photography and traditional photography techniques and projects. Some areas that will be explored are the use of studio lighting, long exposures in low light, digital imaging, motion and depth of field, and the incorporation of other media into photography. Students will also investigate the aesthetic criteria necessary in making this an art form based on the Elements of Art and the Principles of Design.

PREREQUISITE: Photography I**ASSESSMENTS UTILIZED:** Rubrics, project, critiques**SUMMER ASSIGNMENT:** None**HOMEWORK:** Students must shoot most projects outside of class time.

PHOTOGRAPHY III**COURSE #: 819-3****CREDIT: 1****COURSE DESCRIPTION:**

This course is a continuation of Photography II using film and digital cameras. Students will be able to develop many of their own project ideas while exploring topics such as composition, creative flash, use of professional films, fashion photography, documentary photography, advanced studio lighting, and alternative processes in photography. Emphasis will be on developing a body of work suitable for portfolio presentation.

PREREQUISITE: Photography I and Photography II**ASSESSMENTS UTILIZED:** Rubrics, project, critiques**SUMMER ASSIGNMENT:** None**HOMEWORK:** Students must shoot most projects outside of class time.

ADVERTISING AND DESIGN**COURSE #: 804****CREDIT: 1****COURSE DESCRIPTION:**

Studio in Advertising and Design is a product-based art curriculum. By incorporating computer technology with visual graphic design, the student will learn the mechanics, the visual, and the technical aspects of art editing. The Elements and Principles of Art are emphasized throughout the course to help create interest and dynamic graphics. The course begins with designing a personal logo; projects proceed in creating two-dimensional designs. These areas might include shopping bags, package design (ie. food packaging, toy packaging and CD packaging). There is also a unit of student book publishing, including cover design and book illustration. In addition to computer work, many projects include hands-on creations of the actual products using traditional art materials. Offered to grades 10-12 only.

PREREQUISITE: Media Arts**ASSESSMENTS UTILIZED:** Projects, rubrics, group critiques, individual critiques**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasionally students will research for materials from magazines, newspaper ads and other media sources.

DRAWING AND PAINTING I**COURSE #: 802****CREDIT: 1****COURSE DESCRIPTION:**

This course is designed to introduce students to techniques in drawing and acrylic painting, color theory and value studies. Experimentation and the use and care of equipment will be stressed. Fundamental paintings will include exercises in still life, landscape and figure studies, with an emphasis on composition. Students who have successfully completed Accelerated Art in middle school are expected to be programmed to take this course instead of Studio Art or Studio in Media Art, in order to begin a portfolio designed to meet the AP College Board guidelines. This course satisfies the New York State graduation requirement of one year (1 credit) of Art, Music or Technology.

PREREQUISITE: Accelerated Art (in 8th grade), Studio Art, Media Arts**ASSESSMENTS UTILIZED:** Projects, presentations (individual and group), rubrics, group critiques, individual critiques and classroom participation.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Usually four drawings per quarter, as determined by the instructor.

DRAWING AND PAINTING II**COURSE #: 803****CREDIT: 1****COURSE DESCRIPTION:**

Using advanced problems in drawing and painting techniques and concepts, students will pursue an individual approach to developing personal expression, creativity and individuality. Museum and art gallery field trips will be aligned to the course curriculum, glean from art history and accomplished artists, and support the development of an individual style.

PREREQUISITE: Drawing and Painting I**ASSESSMENTS UTILIZED:** Drawings and paintings, value studies and sketches, occasionally involving research of various artists, museum and field trips to support artistic study.**SUMMER ASSIGNMENT:** None**HOMEWORK:** When necessary, students may need to utilize outside time or 9th period to stay abreast of course assignments.

DRAWING AND PAINTING III**COURSE #: 803-3****CREDIT: 1****COURSE DESCRIPTION:**

This course is approved by the AP College Board as the breadth portion of the AP Art Portfolio. Individual attention to one specific area of artistic concentration and exploration will be stressed, /students actively involved in one aspect of painting and / or drawing will further develop these skills in a studio workshop situation. Field trips and museum visits will be aligned to the curriculum and enhance the ability of students to gain expertise in techniques associated with a particular medium and explore the development of a personal style.

PREREQUISITE: Drawing and Painting I and Drawing and Painting II**ASSESSMENTS UTILIZED:** Projects 60%, sketches 20%, effort / participation 20%, Scholar Artist Rubric.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Students are given 2-3 homework assignments per quarter allowing them to explore different techniques and styles through a historical context. Each assignment results in a project which should be of a quality to be included in their portfolio.

CERAMICS AND SCULPTURE I**COURSE #: 806****CREDIT: 1****COURSE DESCRIPTION:**

This course would provide a basic introduction to three-dimensional art forms for students interested in exploring areas of ceramics and sculpture. Possible additional mediums would include wire, metal, plaster, white and red clay, paper, glass and leather. Students would be expected to translate their ideas from two-dimensional drawing and design work into forms of ceramics and sculpture. The studio experience would be supplemented by a historical background of each process and relevant presentations of important artists and their works of art.

PREREQUISITE: Studio Art, Media Arts**ASSESSMENTS UTILIZED:** Rubrics projects, presentations, critiques, and classroom participation.**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

CERAMICS AND SCULPTURE II**COURSE #: 806-1****CREDIT: 1****COURSE DESCRIPTION:**

This course would provide an advanced experience of three-dimensional art for students interested in continuing to explore areas of ceramics and sculpture. Within this course, students will continue to work with additional mediums such as wire, metal plaster, white and red clay, paper, glass and leather. The advanced studio experience would focus on relevant artists, as well as emphasize the importances of creating a three-dimensional portfolio of their own.

PREREQUISITE: Ceramics & Sculpture**ASSESSMENTS UTILIZED:** Authentic assessment throughout the year, with a cumulative final project assigned.**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

CERAMICS AND SCULPTURE III**COURSE #: 806-2****CREDIT: 1****COURSE DESCRIPTION:**

Ceramics & Sculpture III follows Ceramics & Sculpture II. An emphasis is placed on advanced techniques in 3D sculpture and design, utilizing advanced mediums and artistic tools. Students will create individualized and independent projects. This course is meant for advanced level art students who are interested in 3D art but not taking the Advanced Placement course/exam.

PREREQUISITE: Ceramics & Sculpture II**ASSESSMENTS UTILIZED:** Authentic assessment throughout the year, with a cumulative final project assigned.**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

FASHION I**COURSE #: 811****CREDIT: 1****COURSE DESCRIPTION:**

This course is a basic introduction to the rendering of the fashion figure and the design of contemporary clothing. Figures will be represented in graphite, colored pencil and marker. Basic drawing skills, related to the world of fashion will be taught. Students will complete color illustrations of their original fashion designs.

PREREQUISITE: Studio Art, Media Arts, or Drawing and Painting I**ASSESSMENTS UTILIZED:** Rubrics, self-assessment, critiques, and group critiques.**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

FASHION II**COURSE #: 811-2****CREDIT: 1****COURSE DESCRIPTION:**

This course is a continuation of Fashion I, with an emphasis on fabrics and fabric representation. A variety of mediums will be utilized for the purpose of accurately rendering fabric patterns, textures and embellishments. Students will begin to create original detailed fashion designs and illustrations which may be used in their fashion portfolios.

PREREQUISITE: Fashion I**ASSESSMENTS UTILIZED:** Rubrics, self-assessment, critiques, and group critiques.**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

FASHION III**COURSE #: 811-3****CREDIT: 1****COURSE DESCRIPTION:**

This advanced fashion course addresses aspects of fashion presentation and creative garment construction. Students have a "Project Runway"-type experience as each student designs an original line of clothing and showcases the line on presentation boards. Students will learn the techniques of costume design, and also develop and create an original, wearable garment using found materials or techniques in sewing.

PREREQUISITE: Fashion II**ASSESSMENTS UTILIZED:** Rubrics, self-assessment, critiques, and group critiques.**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

MEDIA ARTS**COURSE #: 822****CREDIT: 1****COURSE DESCRIPTION**

This course is a first-year course recommended for students pursuing an interest in computer art, video, graphic design or photography.. Emphasis will be placed on the Elements of Art and Principles of Design. Teachers will develop and provide supportive instructional strategies reinforcing the art elements in a variety of motivating experiences. Students will create computer-based artwork and video using the Adobe Creative Suite.

This course fulfills the New York State graduation requirement of one year (1 credit) of Art, Music or Technology.

PREREQUISITE: None**ASSESSMENTS UTILIZED:** Critiques, self-evaluation, rubrics.**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

COMPUTER GRAPHICS I**COURSE #: 812****CREDIT: 1****COURSE DESCRIPTION:**

This course is designed to follow Media Arts for students who are interested in exploring more advanced ventures in Computer Graphics. Students will be introduced to fundamental 2-D design as they investigate methods of incorporating digital photos, computer generated projects, painting, drawings and other forms into art projects using their own creativity and art history references. The course will focus on developing the essential components of a media-based portfolio of 2-D design work.

PREREQUISITE: Media Arts**ASSESSMENTS UTILIZED:** Evaluation sheets, rubrics, completion of specified projects**SUMMER ASSIGNMENT:** (Suggested) Using a digital camera, start taking a large amount of images to use for references to create your work in CGI.**HOMEWORK:** Digital assignments vary but include taking original images and creating personal digital libraries for project reference.

COMPUTER GRAPHICS II**COURSE #: 812-22****CREDIT: 1****COURSE DESCRIPTION:**

This course introduces fundamental 2-D design techniques and composition. In this class there will be a strong emphasis on developing a well-rounded media-based portfolio using the Adobe Creative Suite. Students will focus on pre-AP requirements in developing the breadth portion of the College Board Advanced Placement portfolio exam for 2-D design.

PREREQUISITE: Media Arts and Computer Graphics I**ASSESSMENTS UTILIZED:** College Board Guidelines, projects, rubrics, group critiques, individual critiques**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasionally students are required to bring in materials such as photographs, magazine images, music (MP3 or Wave) and texts / literature to enhance and personalize the student's assignments.

COMPUTER GRAPHICS III**COURSE #: 812-3****CREDIT: 1****COURSE DESCRIPTION:**

Computer Graphics III follows Computer Graphics II. An emphasis is placed on advanced techniques in Graphic Design and Animation. Students create individualized independent projects, utilizing the entire Adobe Creative Suite.

PREREQUISITE: Media Arts and Computer Graphics I & II**ASSESSMENTS UTILIZED:** Projects, rubrics, group critiques, individual critiques**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

**AP STUDIO ART: 2-D DESIGN-
PHOTOGRAPHY**

COURSE #: 819-7

CREDIT: 1

COURSE DESCRIPTION:

This course is offered to 12th grade art students. The course curriculum consists of three sections of work reflecting the student's technical expertise, visual portrayal of mastering the art elements and a final area of artistic concentration pertinent to the individual student's interest. Students will work with both film and digital photography techniques to develop a portfolio.

PREREQUISITE: Media Arts, Drawing & Painting I or Studio in Art; Photography I and Photography II.

ASSESSMENTS UTILIZED: Rubrics, project, critiques

SUMMER ASSIGNMENT: Students should amass approximately 100 reference images on each of the three possible investigation themes. Completing the assignment (with a due date in early September) will allow students to get a jump on the most difficult aspect of the course; a sustainable investigation.

HOMEWORK: Students must shoot most projects outside of class time.

AP: Please see pages 13-14 for further information regarding the AP examination.

AP STUDIO ART: 2-D DESIGN- DRAWING

COURSE #: 813

CREDIT: 1

COURSE DESCRIPTION:

Advanced Placement Art is offered to twelfth grade students who have successfully completed the prerequisites of Drawing and Painting I, II and III. This college-level studio course is a fast-paced, in-depth, highly rigorous and demanding year-long curriculum, which builds on the required breadth portion of the College Board approved curriculum in Drawing and Painting III. The curriculum focuses on developing the student's mastery of techniques and mediums and is designed to correlate to the College Board's Advanced Placement Art exam. Areas of concentration can be two-dimensional design or drawing. Then final submission is an electronic portfolio comprising of three sections of work reflecting the student's technical expertise (5 pieces) in breadth, a mastery of the elements of art (12 pieces) and an artistic concentration pertinent to the individual student's interest (12 pieces).

PREREQUISITE: Drawing & Painting I, II and III

ASSESSMENTS UTILIZED: College Board rubric

SUMMER ASSIGNMENT: None

HOMEWORK: Students will have to use time outside of class to stay abreast of the required timeline and define a number of pieces as per the College Board.

Please see pages 13-14 for further information regarding the AP examination.

**AP STUDIO ART: 2-D DESIGN-
COMPUTER GRAPHICS****COURSE #: 812-11****CREDIT: 1****COURSE DESCRIPTION:**

This course is designed for highly motivated, advanced art students who have demonstrated a serious interest in the study of graphic design. Advanced computer art students will work on a 2-D Design Portfolio as defined by the College Board's Advanced Placement Studio Art criteria. The 2-D Design Portfolio in Graphic Design includes (but is not limited to): digital imaging, illustration graphic design, typography & photography. Students will primarily use the Adobe programs Photoshop and Illustrator. The course is organized as an intensive year-long class requiring commitment in quality and quantity of work from the art student. The AP Studio Art test is focused on portfolio development, breadth of work and thematic concentration for evaluation at the end of the school year. Students will work independently in their area of concentration.

PREREQUISITE: Computer Graphic III**ASSESSMENTS UTILIZED:** College Board Rubric**SUMMER ASSIGNMENT:** None**HOMEWORK:** Students will be given a project that will help them to start developing ideas for their concentration.

Please see pages 13-14 for further information regarding the AP examination.

AP 3-D ART & DESIGN**COURSE #: 820****CREDIT: 1****COURSE DESCRIPTION:**

AP 3-D Art and Design is an introductory college-level three-dimensional design course. Students refine and apply skills and ideas they develop throughout the course to produce three-dimensional art and design. The AP 3-D Art and Design course framework is made up of three big ideas. As always, students have the flexibility to organize the course content as you like. These three big ideas consist of investigating materials, processes and ideas, making art and design, and present art and design. The AP 3-D Art and Design portfolios consist of two sections: Sustained Investigation and Selected Works, which students will submit at the conclusion of the course.

PREREQUISITE: Fashion III, Ceramics & Sculpture II**ASSESSMENTS UTILIZED:** College Board rubric**SUMMER ASSIGNMENT:** None**HOMEWORK:** Students will have to use time outside of class to stay abreast of the required timeline and define a number of pieces as per the College Board.

Please see pages 13-14 for further information regarding the AP examination.

COURSE DESCRIPTION:

The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making and responses to art. Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products through history. AP Art History is designed to be the equivalent of a two-semester introductory college or university art history survey course.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Quizzes, tests, projects, rubrics, group critiques, individual critiques

SUMMER ASSIGNMENT: None

HOMEWORK: In-class and at-home assignments.

Please see pages 13-14 for further information regarding the AP examination.

BUSINESS DEPARTMENT

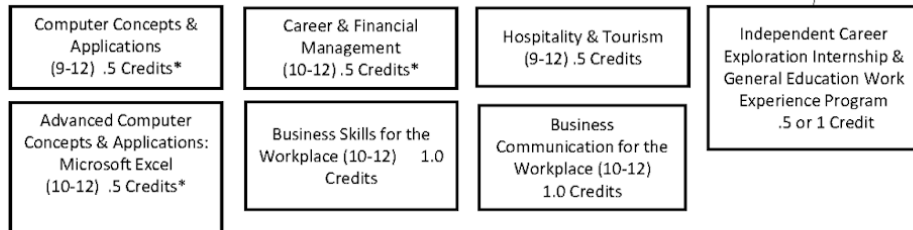
Ms. Maria Carnesi, Coordinator

MCarnesi@pobschools.org

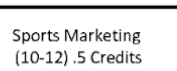
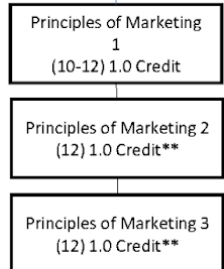
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Business Department Course Offerings

General Business Classes



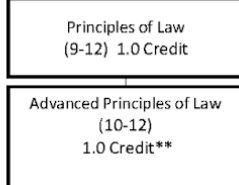
Marketing Classes



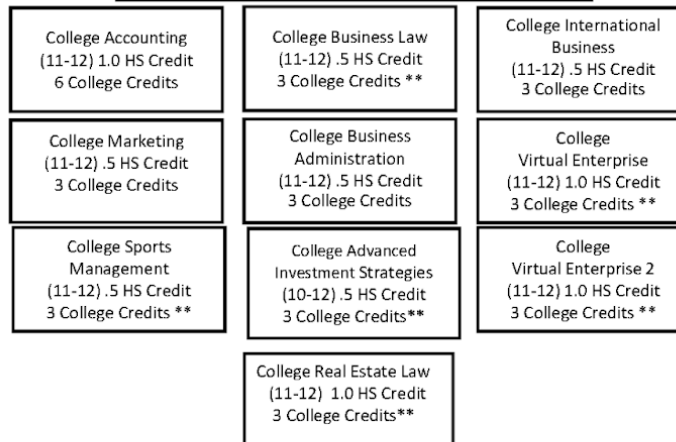
Finance/Investment Classes



Law Classes



College Level Business Courses



(*) = .5 credit course offered 1 semester every day alternating days for 1 school year
 (**) = Prerequisite course required. (See Curriculum Guide)

BUSINESS

ACCOUNTING I

COURSE #: 706

CREDIT: 1

GRADES: 10, 11 and 12

COURSE DESCRIPTION:

This course is designed to introduce students to a basic foundation on which to build an understanding of principles and practices in accounting. Students will learn on-the-job activities that are required for entry-level accounting employees, such as accounts receivable and accounts payable. Students will learn to maintain accounting records in addition to handling their own checking accounts and checkbooks. Students will gain insight into the role of today's accountant.

ASSESSMENTS UTILIZED: Tests, reinforcement activities, business simulations, midterm and final exam

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two times a week

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

This course contains unit(s) of study on financial literacy.

COLLEGE ACCOUNTING**COURSE #: 704****CREDIT: 1****GRADES: 11 and 12****COURSE DESCRIPTION:**

This college-level course is designed specifically for college-bound juniors and seniors interested in business and/or accounting as a potential college major. The work covered is equivalent to a first-year college accounting course. College level texts and computer programs are utilized. The student can earn up to 6 college credits (optional) through the Long island University High School Scholars Program (formerly known as S.C.A.L.E. program). The student is automatically accepted as a future LIU Post student. In addition, LIU Post offers a \$4,000 scholarship each year for any student who maintains a B+ average in this course and attends that institution. Students must have earned an overall GPA of 80 to take the course for college credit. Students are responsible for the cost of college credits awarded.

PREREQUISITE: Accounting I is recommended, but not required.

ASSESSMENTS UTILIZED: Multiple choice and short answer examinations, projects, midterm and final exam

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course contains unit(s) of study on financial literacy.

CAREER & FINANCIAL MANAGEMENT**COURSE #: 708****CREDIT: 1/2****GRADES:** 10, 11 and 12**COURSE DESCRIPTION:**

The purpose of this course is to help students build the skills necessary to make everyday economic decisions so that they can become successful members of society. Financially literate young adults are able to make smart decisions and responsible plans for achieving their financial goals including financing a college education, starting their own business, buying a computer, or saving for retirement. Topics discussed include; budgeting, banking, savings, credit, insurance, investing and career planning. Students will have the opportunity to take the Financial Literacy Certification Test in order to become certified in Financial Literacy. The course meets every day for one semester or every other day for a year.

PREREQUISITE: None**ASSESSMENTS UTILIZED:** Multiple choice and short answer examinations, projects, presentations**SUMMER ASSIGNMENT:** None**HOMEWORK:** Approximately once a week**COURSE EXPECTATIONS:** It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.**This course fulfills the POB graduation requirement for public speaking.****This course contains unit(s) of study on financial literacy.**

STOCK MARKET & TAXATION
GRADES: 9, 10, 11 and 12

COURSE #: 717

CREDIT: 1/2

COURSE DESCRIPTION:

This course is an introduction to the Stock Market and the world of investing. This is an exciting course that allows the student to develop a foundation of investing and financial planning skills. This study will include the role that the market plays in financing modern American corporations and public institutions that borrow from the general public. Stocks, ETFs, mutual funds, selling short, and the analysis of various stock market statistics and fundamentals are a few of the topics covered. Taxation will include a study of the US tax system and how it plays a role in investing. Various stock market games and simulations will be played. The course meets every day for one semester (½ year).

PREREQUISITE: None

ASSESSMENTS UTILIZED: Case studies, projects, portfolio assessment, quizzes and tests

SUMMER ASSIGNMENT: None

HOMEWORK: occasionally

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

COLLEGE ADVANCED
INVESTMENT STRATEGIES

COURSE #: 717-3

CREDIT: 1/2

GRADES: 10, 11 and 12

COURSE DESCRIPTION:

Advanced Investment Strategies is the second installment of our introductory course, *Stock Market and Taxation*. Advanced investment vehicles such as bonds, options, commodities, and futures will be introduced. Strategic approaches to investing will be analyzed including various financial strategies and methodologies. Financial planning, and hedging strategies will be examined. Global interdependence of the markets will also be analyzed. The work covered is equivalent to first-year Introduction to Business courses offered at most colleges. Each student may choose to earn three college credits through the LIU High School Scholars Program. Students will participate in weekly and semester-long simulations and stock market competitions. Students must have an overall GPA of 80 to take the course for college credit. Students are responsible for the cost of college credits awarded. The course meets every day for one semester (½ year).

PREREQUISITE: Stock Market and Taxation.

ASSESSMENTS UTILIZED: Case studies, projects, portfolio assessment, quizzes and tests.

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two times a week

COURSE EXPECTATIONS: Students are expected to have a strong interest in learning the details of more intricate trading strategies in the Stock Market. Students are expected to attend all classes, actively participate in class, complete all in-class and homework assignments and maintain positive learning behaviors in the classrooms.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

**COLLEGE BUSINESS ADMINISTRATION
& MANAGEMENT**

COURSE #: 725

CREDIT: 1/2

GRADES: 11 and 12

COURSE DESCRIPTION:

This college-level course is designed for juniors and seniors with an interest in business. The work covered is equivalent to first-year Introduction to Business courses offered at most colleges. Each student may choose to earn three college credits through the LIU High School Scholars Program. Students will be given a broad overview of all forms of business organization. The course will examine business from the manager / owner point of view and will include setting up a new business, product development, marketing techniques, labor relations and legal aspects of business ownership. This class meets every day for one semester. Students must have an overall GPA of 80 to take the course for college credit. Students are responsible for the cost of college credits awarded.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Business plan and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two times a week

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

GRADES: 11 and 12**COURSE DESCRIPTION:**

This college-level class examines the complexities of the international business and financial systems. It includes the study of cultures, foreign trade, importing and exporting, international monetary policy, foreign exchange rates, international financial markets, international banking and multinational operations. It includes all aspects of international business, entrepreneurship and globalization. The course meets every day for one semester (½ year). Students have the option of earning three college credits (transferable) through LIU Post. Students must have an overall GPA of 80 to take the course for college credit. Students are responsible for the cost of college credits awarded.

PREREQUISITE: None**ASSESSMENTS UTILIZED:** Current event articles, projects and written papers.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Approximately two times a week**COURSE EXPECTATIONS:** Students are expected to attend all classes, actively participate in class, complete all in-class and homework assignments and maintain positive learning behaviors in the classroom.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

New York State CTE Programs of Study

Program Coordinators:

Ms. Gina Farrell - gfarrell@pobschools.org

Mr. Scott Lieberman - slieberman@pobschools.org

The Career and Technical Education (CTE) endorsement is a distinction on a student's high school diploma in the form of a New York State Education Department Seal indicating that a student has completed coursework in a state approved CTE program. POBJFK High School currently offers five New York State approved CTE programs.

POBJFK's Approved Programs are:

Business Management and Entrepreneurship	Business Law	Early Childhood Education
<p>Required Courses</p> <ul style="list-style-type: none"> • Career & Financial Management • Computer Concepts and Applications • College Virtual Enterprise • WBL/Internship <hr/> <p>Additional Courses: (1.5 Credits in one of the business pathways)</p> <ul style="list-style-type: none"> • Entrepreneurship • Accounting/Finance • Law • Marketing 	<p>Required Courses</p> <ul style="list-style-type: none"> • Career & Financial Management • College Business • Principles of Law • Advanced Principles of Law • WBL/Internship <hr/> <p>Additional Courses: (One of the following classes)</p> <ul style="list-style-type: none"> • College Business Administration • College International Business • Accounting 1 • College Accounting 	<p>Required Courses</p> <ul style="list-style-type: none"> • Career & Financial Management • College Early Childhood Education • WBL/Internship <hr/> <p>Additional Courses: 1.5 Credits in the courses listed below)</p> <ul style="list-style-type: none"> • Child Development • Human Development • Food, Nutrition and Wellness Across the Lifespan
Television and Video Production	Pre-Engineering	
<p>Required Courses</p> <ul style="list-style-type: none"> • Career & Financial Management • Video Production I • Video Production II • College Video Production • WBL/Internship <hr/> <p>Additional Courses:</p> <ul style="list-style-type: none"> • None 	<p>Required Courses</p> <ul style="list-style-type: none"> • Career & Financial Management • Design& Drawing for Production • Robotics • College Engineering • WBL/Internship <hr/> <p>Optional Courses:</p> <ul style="list-style-type: none"> • Modern Manufacturing • Aeronautics • Careers in Engineering 	

WORK BASED LEARNING (INTERNSHIP)**COURSE #:** 737, 737-1**CREDIT:** ½-1**GRADES:** 10, 11 and 12**COURSE DESCRIPTION:**

Students will build their academic, technical, and professional skills through work-based learning experiences. Work-based learning plays a central role in bridging the classroom and work world, leading to improved educational and employment outcomes for participants.

Career Exploration Internship Program is for students in grades 10-12 who want to increase their understanding of a specific career through “on-the-job” experiences. The internship serves as an extension of the classroom and consists of a non-paid, supervised career experience. The focus of the internship is career exploration and the job site will plan an appropriate variety of job tasks or responsibilities geared toward the enhancement of the educational experience of the student.

CREDIT: Internship: 54 hours = ½ credit OR 108 hours = 1 credit

A student may participate in the General Education Work Experience Program and earn ½ credit for 150 hours of work or 1 credit for 300 hours of work. Students who elect to enroll in the program must have their job approved by the Work Experience Coordinator, must be getting paid on the books, and must have received satisfactory job performance evaluations throughout the school year.

CREDIT: Work Experience: 150 hours = ½ credit OR 300 hours = 1 credit

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

**COMPUTER CONCEPTS &
APPLICATIONS**

COURSE #: 702

CREDIT: 1/2

GRADES: 9, 10, 11 and 12

COURSE DESCRIPTION:

The goal of this course is to provide a foundation of technology skills in a variety of programs including Microsoft Word and PowerPoint. This course will provide students with a skillset that can be transferred, seamlessly, into courses from all curricular areas. Completion of the course will result in students earning one or more MOS (Microsoft Office Specialist) certifications.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Microsoft Word and Powerpoint Assessments

SUMMER ASSIGNMENT: None

HOMEWORK: Occasionally

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

This course contains unit(s) of study on financial literacy.

GRADES: 10, 11 and 12**COURSE DESCRIPTION:**

Microsoft Excel is a program that is used in a wide range of careers: accountants, data analysts, market researchers, financial analysts, project managers, marketers, business owners and many more. This course will teach students Microsoft Excel to prepare them for college and careers in the future. In addition to understanding and mastery of the various aspects of Microsoft Excel, one of the main objectives will be for students to successfully complete the Microsoft Office Certification Exam. Students who achieve a passing score on the exam will be certified as a "Microsoft Office Specialist" in Excel -- this is not an easy task, as many business professionals only obtain this certification.

PREREQUISITE: Computer Concepts & Applications**ASSESSMENTS UTILIZED:** Microsoft Excel based assessments**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasionally

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course contains unit(s) of study on financial literacy.

COLLEGE SPORTS MANAGEMENT**COURSE #: 727-1****CREDIT: 1/2****GRADES:** 10 , 11 and 12**COURSE DESCRIPTION:**

This course will focus on the philosophy, function and principles of managing a sports franchise through the processes of planning, organization, leadership and control. Students will utilize many sport franchise operations as case studies and participate in many real-world management simulations. Furthermore, analysis of many sports-related careers will be included. Students have the option of earning three college credits (transferable) through LIU Post. Student must have an overall GPA of 80 to take the course for college credit. Students are responsible for the cost of college credits awarded.

PREREQUISITE: Sports Marketing**ASSESSMENTS UTILIZED:****SUMMER ASSIGNMENT:** None**HOMEWORK:** Approximately two times a week

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

GRADES: 11 and 12**COURSE DESCRIPTION:**

This course turns the traditional classroom into a real world business. Students create and manage a virtual business from the ground up, selling their products to other virtual firms around the world. Students work in different departments of the business based on their strengths, passions and potential career path. Typically, most students pursue Management, Accounting, Finance, Sales, Marketing, Human Resources, and Web Design. Students will develop business skills as they work in teams to make decisions while achieving company goals and objectives, and present their ideas at various business competitions. Students will create and run a trade show booth at the Virtual Enterprise International Show in New York City. Students have the option of earning six college credits (transferable) through LIU Post. Student must have an overall GPA of 80 to take the course for college credit. Students are responsible for the cost of college credits awarded.

PREREQUISITE: Accounting I, Marketing I or Principles of Law or Coordinator Approval**ASSESSMENTS UTILIZED:****SUMMER ASSIGNMENT:** None**HOMEWORK:** Approximately two times a week**COURSE EXPECTATIONS:** Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

COURSE DESCRIPTION: This course is intended for students who have completed Virtual Enterprise as a junior and would like to continue in the Virtual Enterprise program. Students interview and gain experience in other positions and / or management positions in the Virtual Enterprise firm. Students will also consult with and assist in the training of students taking Virtual Enterprise for the first time. Students may take this course for three additional college credits through LIU Post..

PREREQUISITE: Virtual Enterprise or Coordinator Approval

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two times a week

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

GRADE: 10, 11 and 12

COURSE DESCRIPTION: This course is designed for students to build the skills necessary to make every day personal finance decisions and serves as the foundational course in the Career Skills for the workplace CTE Pathway. Topics discussed will include: budgeting, banking, savings, credit, insurance, investing and career planning. Students will have the opportunity to take the WISE Financial Literacy Certification Test. The career development needs of students will be emphasized through a multi-phase approach including self-exploration, decision-making strategies, career exploration, career counseling, and career planning. Students will have experiential opportunities in customer service and personal selling, how to handle sales transactions, utilization of a cash register, inventory management and reports in running a retail operation. This course is intended for students who intend to enter the workforce upon high school graduation and would benefit from instruction on financial literacy, personal finance, and employability skills.

PREREQUISITE: Cannot already have taken Career & Finance

ASSESSMENTS UTILIZED: Multiple choice and short answer examinations, projects, presentations, final project

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two times a week

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

**COMMUNICATION SKILLS FOR THE
WORKPLACE****COURSE #: 732-1****CREDIT: 1****GRADES:** 11 and 12

COURSE DESCRIPTION: This is the second course in the CTE program of study, Career Skills for the Workplace. The course will focus on different forms of business communication which will include letters, memos, newsletters, and emails. Students will use Microsoft Word to complete a variety of business documents. Students will complete an industry standard skills assessment and will also have the opportunity to earn a Microsoft credential.

PREREQUISITE: Business Skills for the Workplace and cannot have taken Computer Concepts and Applications

ASSESSMENTS UTILIZED: Multiple choice and short answer examinations, projects, presentations, final project

COLLEGE REAL ESTATE LAW**COURSE #: 716****CREDIT: 1****GRADES:** 11 and 12

COURSE DESCRIPTION: This course will equip students with the knowledge and skills to analyze real estate markets. It will focus on the business of real estate. Topics covered will include contracts, financing, appraisals & valuation, zoning regulations, and federal and state laws. Each student may choose to earn college credits through the LIU High School Scholars Program. Upon the successful completion of this course, students will receive a certificate qualifying them to sit for the NYS Real Estate Salespersons Licensing Examination once they turn 18. (Pending NYS approval)

ASSESSMENTS UTILIZED: Examinations and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two times a week

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

LAW

PRINCIPLES OF LAW

COURSE #: 722

CREDIT: 1

GRADES: 9, 10, 11 and 12

COURSE DESCRIPTION:

This course gives an excellent overview of the American Legal System. Students will learn how laws are created and how they are enforced. Students will study true legal situations that show how business and personal law impact all. Real estate, family, wills, and other areas of law will be covered. Both criminal and civil trial procedures will be covered. Students will be given a hands-on approach to trials by playing the role of lawyer and witness in mock trial role-play activities and competitions utilizing the simulated courtroom. Guest speakers, courtroom trial visitations, and videos will be utilized to enhance the curriculum. Students will be eligible to participate in the Moot Court Club in the spring semester of this course. Students will learn critical thinking, reasoning and arguing skills.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Multiple choice and short answer examinations, case preparation and presentation, and various curriculum related projects

SUMMER ASSIGNMENT: None

HOMEWORK: Chapter outlines, case studies and questions will be assigned

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

ADVANCED PRINCIPLES OF LAW**COURSE #: 722-1****CREDIT: 1****GRADES: 10, 11 and 12****COURSE DESCRIPTION:**

This course is designed to allow those students who have completed Principles of Law the opportunity to continue their legal studies. Topics of law covered include, but are not limited to, contracts, credit, bankruptcy, product liability, debtor / creditor relationships and property. The course also includes discussions and debates on issues relating to ethics and morality and their integration in our legal system. Courtroom strategy, jury selection and deliberations, case preparation and trial competition utilizing material learned will be integral to this course of study. Students will study actual legal cases that show how business and personal law impact all. Videos, guest speakers, moot court cases, and mock trials will be utilized to teach these vital areas of personal interest law. Students should be competing in various Moot Court Club competitions. Students will sharpen their critical thinking, reasoning and arguing skills learned in their previous law class.

PREREQUISITE: Principles of Law

ASSESSMENTS UTILIZED: Multiple choice and short answer examinations, case preparation and presentation, and various curriculum related projects.

SUMMER ASSIGNMENT: None**HOMEWORK:** Chapter outlines, case studies and questions will be assigned

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

COLLEGE BUSINESS LAW**COURSE #:** 724-2**CREDIT:** 1/2**GRADES:** 11 & 12 (Preference given to seniors)**COURSE DESCRIPTION:**

This college-level course is designed to introduce law students to the concepts of business and commercial law. The nature and courses of laws, functions of the State and Federal Court systems, principles of contract law and advanced laws of torts and negotiable instruments will be covered. Each student may choose to earn three college credits through the CW Post, Long Island University ACE program. Students will gain an understanding of laws as they relate to everyday life of consumers and citizens. This course meets every day for one semester. Student must have an overall GPA of 80 to take the course for college credit. Students are responsible for the cost of college credits awarded.

PREREQUISITE: Principles of Law**ASSESSMENTS UTILIZED:** Multiple choice and short answer examinations, case preparation and presentations, and various curriculum related projects.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Approximately two times a week**COURSE EXPECTATIONS:** It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

MARKETING

PRINCIPLES OF MARKETING 1

COURSE #: 718-1

CREDIT: 1

GRADES: 10, 11 and 12

COURSE DESCRIPTION:

This course includes the study of basic business and marketing concepts. Topics discussed throughout the course include basic business principles, target marketing, the marketing mix, social media marketing, branding, advertising and promotion. Additionally, students will have the opportunity to create a job interview portfolio and will go through the job interview process. Throughout the course, students will study and analyze marketing cases based on hypothetical scenarios and current events. Marketing 1 students are eligible to join the co-curricular club, DECA, an international association of business students that participate in social, civic and competitive activities on the local, state and international levels. This course meets every day for one full year.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Projects, case studies, presentations

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two times a week

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

COURSE DESCRIPTION:

This second year marketing course goes into greater detail about modern marketing practices. Students will learn the basic fundamentals of marketing research and analysis. Students will conduct a real life marketing research and analysis project and prepare a formal marketing research / business plan. Research manuals, presentations, and storyboards will be developed using knowledge obtained in the course and will enable students to compete on the State and International levels of DECA competitions. Additionally, the topics of selling and distributing your product and social responsibility will be covered in the course.

PREREQUISITE: Principles of Marketing I

ASSESSMENTS UTILIZED: Research manuals, presentations, storyboards, projects

SUMMER ASSIGNMENT: None

HOMEWORK: Minimal, most work done in class

COURSE EXPECTATIONS: It is expected that students are prepared to write a 20-page marketing research proposal throughout the course of the first semester. Hard work, dedication and teamwork are required for success in this course.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

COURSE DESCRIPTION:

This course, designed for 12th grade students, will provide students an opportunity to study, practice and develop group and individual leadership and organizational skills. These skills include, but are not limited to, decision-making, problem solving techniques, communication skills and understanding the need for civic responsibility. One of the major goals of this course is to give students experience with the research process. Students will be organized into teams and will engage in the design, data collection, analysis, write-up and oral presentation of a marketing research project. Successful completion of a marketing research project will enable students to compete on the State and International levels of DECA competition. Additionally, students will explore the different forms of business leadership as well as their own leadership style.

PREREQUISITE: Principles of Marketing 2

ASSESSMENTS UTILIZED: Research projects, presentations, storyboards, projects

SUMMER ASSIGNMENT: None

HOMEWORK: Occasionally

COURSE EXPECTATIONS: It is expected that students are committed to creating a 20-page marketing research proposal throughout the first semester. Extensive computer research will be completed with team members to prepare for State and International competitions. Dedication, hard work and teamwork are required for success in this course.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

SPORTS MARKETING
GRADES: 10, 11 and 12

COURSE #: 727

CREDIT: 1/2

COURSE DESCRIPTION:

An innovative course designed to provide students with an insight into business aspects of the sports industry. This course will cover a wide array of topics to educate the student in all aspects of this industry. The students will become familiar, through the use of many practical case studies and project based assessments, with the interaction of the elements of the marketing mix. This course will also explore the topics of market research, stadium design, advertising, public relations and sponsorships. These topics will be executed through a variety of in-class discussions, case studies, simulations, hands-on projects, and virtual reality experiences. A field trip to Madison Square Garden will be planned. The course meets every day for one semester (½ year).

PREREQUISITE: None

ASSESSMENTS UTILIZED: Case studies, projects, portfolio assessment, quizzes and tests

SUMMER ASSIGNMENT: None

HOMEWORK: Occasionally

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

COLLEGE MARKETING**COURSE #:** 719-1**CREDIT:** 1/2**GRADES:** Preference given to seniors**COURSE DESCRIPTION:**

Students must have an overall high school average of 80 to take the course for college credit. College Marketing is designed for students who are interested in pursuing business courses in college. College Marketing is intended to provide an understanding of marketing principles. Successful completion of the course will enable students to receive 3 undergraduate credits from LIU Post. This course will cover in-depth discussions of basic marketing concepts, consumer driven marketing strategies, strategic planning, product branding, integrated marketing communications, and promotion. The course meets every day for one semester (½ year). The material covered is equivalent to a first-semester college marketing curriculum. Students are responsible for the cost of college credits awarded. Students must have an overall GPA of 80 to take the course for college credit.

PREREQUISITE: None**ASSESSMENTS UTILIZED:** Case studies, projects, presentations**SUMMER ASSIGNMENT:** None**HOMEWORK:** Approximately two times a week

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

This course fulfills the POB graduation requirement for public speaking.

HOSPITALITY AND TOURISM**COURSE #: 731****CREDIT: 1/2****GRADES: 9, 10, 11 and 12****COURSE DESCRIPTION:**

Hospitality and tourism are topics that students can relate to and make their own. Many people travel and stay in lodging facilities and go to restaurants. These exciting businesses continue to grow and employ a vast number of people. This course will teach students about travel, tourism, lodging and food-service industries. It will also help them develop skills they need to succeed in their careers. Working for hospitality and tourism businesses requires training, experience and personal skills for employees as well as managers. Students will learn that success in hospitality and tourism, like success in any career field, also requires responsibility, self-management, leadership and integrity. This course meets every day for one semester.

PREREQUISITE: None**ASSESSMENTS UTILIZED:** Group projects, individual projects, tests and hospitality prospectus**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasionally

COURSE EXPECTATIONS: It is expected that students conscientiously complete assignments, actively participate in class discussions, and attend remedial if necessary.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

THE M.B.A. PROGRAM MASTERS IN BUSINESS ACADEMICS

MISSION:

This certificate bearing program will afford those interested in pursuing a business-related career the opportunity to be recognized for excelling in a challenging business education environment.

REQUIREMENTS:

- Students must achieve, in each course, a final grade of 85 or better in three (3) credits of Business courses
- Students must include Career and Financial Management as one of their required courses
- Students must actively participate for two (2) years in one of the following business clubs:
 - DECA
 - Moot Court
 - Stock Market
 - **OR** complete 100 hours in our Internship Program
- Uphold the POBJFKHS Code of Conduct without violation

BENEFITS:

- Students will have the opportunity to compete in several Long Island business competitions
 - Students will be able to attend after-school presentations with guest speakers from the business world
 - Students will work closely with a Business Teacher Mentor
 - Students will be recognized for pursuing a challenging business program while still in high school
 - Students will be recognized at year-end award assembly
-

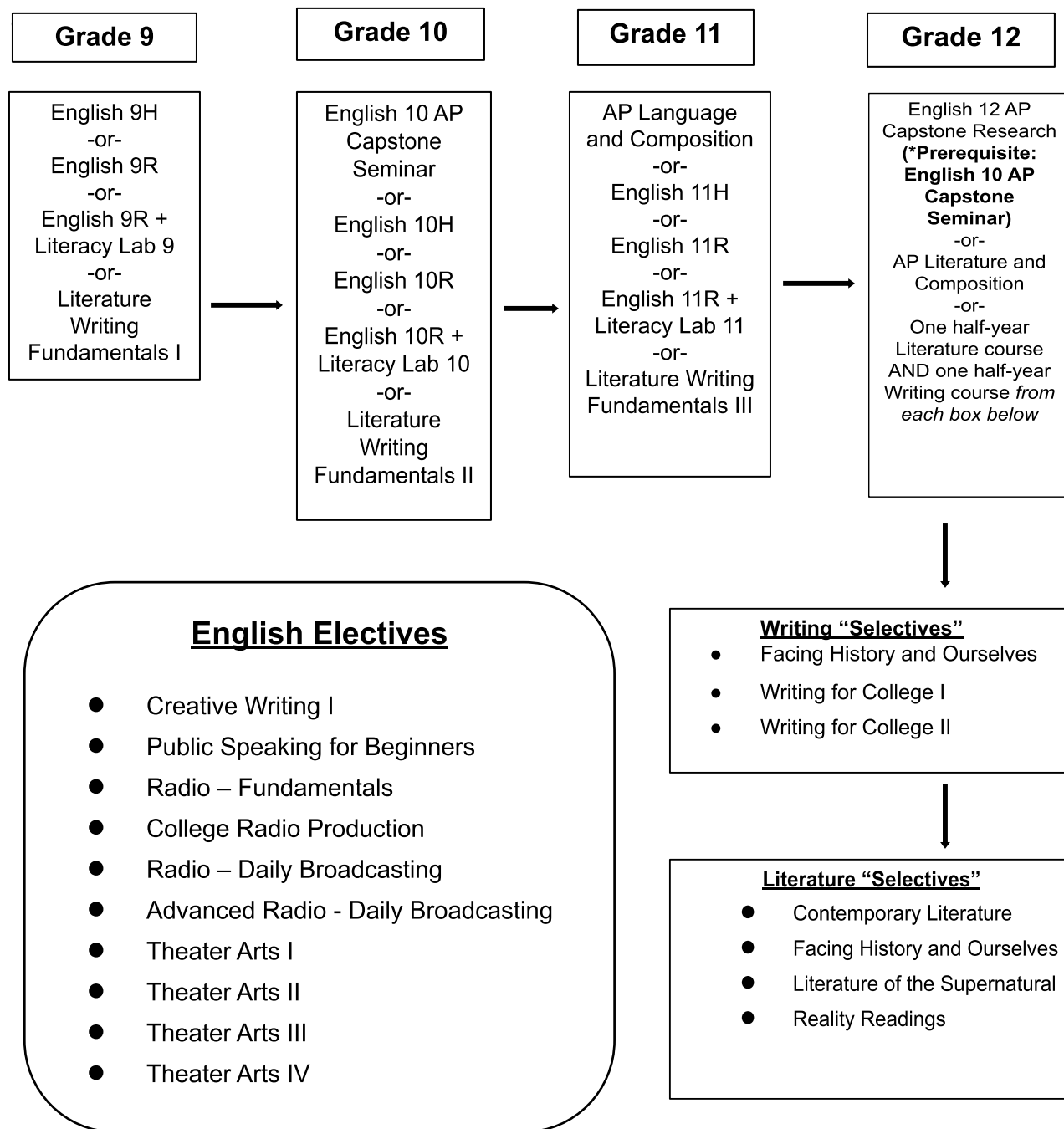
ENGLISH DEPARTMENT

Mr. Jeffrey Yagaloff, Chairperson

JYagaloff@pobschools.org

516-434-3185

POBJFKHS ENGLISH Flow Chart 2025 / 2026



Please note:

- All students must take the English Regents by the end of 11th grade.
- All students taking an AP class are strongly encouraged to take the corresponding AP examination.

ENGLISH

ENGLISH 9H

COURSE #: 101

CREDIT: 1

COURSE DESCRIPTION:

The honors curriculum includes interpretation, critical thinking and personal response to a wide spectrum of literary genres. The course proceeds in greater depth and at a faster pace than non-honors classes. In addition to three units of study based on texts such as [To Kill a Mockingbird](#), [Of Mice and Men](#), [The Odyssey](#), and [Romeo and Juliet](#), the honors course features an additional unit of study based on a major text of high complexity (such as [The Color of Water](#)) that helps to differentiate this course from non-honors classes. There is a great emphasis on writing technique, grammar, and establishing an authorial voice. Students take common assessments and a final examination based on texts of greater complexity than those used in non-honors courses.

ASSESSMENTS UTILIZED: Exams, essays, projects and presentations

SUMMER ASSIGNMENT: None

COURSE EXPECTATIONS: English 9H is appropriate for students who have achieved excellence in their 7th and 8th grade English studies and are highly motivated. Honors students should be avid readers and writers. They will be expected to read and interpret challenging literary works both in class and independently.

ENGLISH 9R

COURSE #: 102

CREDIT: 1

COURSE DESCRIPTION:

The English 9R curriculum includes interpretation, critical thinking and personal response to a wide variety of literary genres. The student is expected to read and interpret literary work, both in class and independently. Students will read such varied works as [To Kill a Mockingbird](#), [Of Mice and Men](#), and [The Odyssey](#). This course also includes an introduction to Shakespeare and his language through the study of [Romeo and Juliet](#). Vocabulary, spelling and grammar are also an integral part of the course, taught in conjunction with the literature and writing components.

ASSESSMENTS UTILIZED: Exams, essays, projects and presentations

SUMMER ASSIGNMENT: None

COURSE DESCRIPTION:

The Literature / Writing Fundamentals I curriculum is for the student who is capable of being in a Regents track but needs additional extra time and support to accomplish Regents' level work. Smaller class size, the abundant use of technology, and an additional daily period of instruction will provide the needed remediation. Placement in this class is determined as a result of teacher evaluation and recommendation using reading scores, skills measurement, state writing assessments and performance in 7th and 8th grade English classes. While this is a class designed to provide extra support for weaker students, it is still a Regents track curriculum. This course does not qualify as an NCAA core course, and therefore cannot be used for NCAA initial-eligibility certification.

ASSESSMENTS UTILIZED: Computerized assessments, exams, essays, projects and presentations

SUMMER ASSIGNMENT: None

COURSE DESCRIPTION:

In this foundational course, qualifying for grade 10 English credit, students will develop critical thinking skills that will foster independent thinking to analyze issues from different perspectives. Communication skills will be strengthened while students conduct and present independent research. Students will learn to consider an issue from multiple perspectives, evaluate the strength of an argument, and make logical, fact-based decisions. They will also question, research, explore, pose solutions, develop arguments, collaborate and communicate using various media. During the course, the students will complete a team project, an individual paper and presentation, and take a written AP exam. The AP Capstone Seminar Exam score is based on all three components and is reported on the standard 1-5 scoring scale. Students who complete AP Capstone Seminar are invited to take AP Capstone Research in their 11th or 12th grade. Upon successful completion of both courses, students will receive an AP Capstone certificate. Those students who complete both courses, in addition to earning a 3 or better on 4 or more other AP exams will be awarded with the prestigious AP Capstone Diploma.

ASSESSMENTS UTILIZED: During the course, students will complete a team project, an individual paper and presentation, and take a written AP exam. The AP Capstone Seminar Exam score is based on all three components and is reported on the standard 1-5 scoring scale.

SUMMER ASSIGNMENT: Yes

COURSE EXPECTATIONS: **AP CAPSTONE SEMINAR** is appropriate for students who have achieved excellence in their 9th grade English classes and are highly motivated. Honors students should be avid readers and writers. They will be expected to read and interpret challenging literary works and information texts both in class and independently.

Teacher recommendation is suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

This course fulfills the POB graduation requirement for public speaking.

COURSE DESCRIPTION:

The honors curriculum includes interpretation, critical thinking and personal response to a wide spectrum of literary genres. The course proceeds in greater depth and at a faster pace than non-honors classes. In addition to three units of study based on texts such as Animal Farm, Fences, Lord of the Flies, and a work from Shakespeare such as Macbeth, The honors course features a unit of study based on a major text of high complexity (such as 1984, Brave New World, or The Namesake) that helps to differentiate this course from non-honors classes. There is a great emphasis on writing technique, grammar, and establishing an authorial voice. Students take common assessments and a final examination based on texts of greater complexity than those used in non-honors courses.

ASSESSMENTS UTILIZED: Exams, essays, projects and presentations

SUMMER ASSIGNMENT: None

COURSE EXPECTATIONS: English 10H is appropriate for students who have achieved excellence in their 9th grade English classes and are highly motivated. Honors students should be avid readers and writers. They will be expected to read and interpret challenging literary works both in class and independently.

Teacher recommendation is suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

COURSE DESCRIPTION:

The English 10R curriculum includes interpretation, critical thinking and personal response to a wide spectrum of literary genres. The student is expected to read and interpret literary works, both in class and independently. Students will read such varied works as Animal Farm, Fences, Lord of the Flies, and a work from Shakespeare such as Macbeth. Vocabulary, spelling and grammar are also an integral part of the course, taught in conjunction with the literature and writing components.

ASSESSMENTS UTILIZED: Exams, essays, projects and presentations

SUMMER ASSIGNMENT: None

COURSE DESCRIPTION:

The English 10R Literature / Writing Fundamentals II curriculum is for the student who is capable of being in a Regents track but needs additional extra time and support to accomplish Regents' level work. Smaller class size, and an additional daily period of instruction will provide the needed remediation. Placement in this class is determined as a result of teacher evaluation and recommendation using reading scores, skills measurement, state writing assessments and performance in 8th and 9th grade English classes. While this is a class designed to provide extra support for weaker students, it is still a Regents track curriculum. This course does not qualify as an NCAA core course, and therefore cannot be used for NCAA initial-eligibility certification.

ASSESSMENTS UTILIZED: Computerized assessments, exams, essays, projects and presentations

SUMMER ASSIGNMENT: None

COURSE DESCRIPTION:

Advanced Placement Language and Composition is a college-level course in American literature threaded with rhetorical emphasis. Students will read fiction, nonfiction and nonliterary American texts that force them to consider the linguistic power and expository effectiveness of various writers and prose pieces. The texts chosen will emphasize the power of language, the significance of style, the role of the audience, and the underlying issues within the works. The stress will be on writing. Students will produce expository, analytical and argumentative writing based on close reading of the texts selected. Candidates for this course have clearly demonstrated that writing has been a consistent strength in their English classes. All students sit for the AP Language and Composition exam and may receive college credit for successful performance on the exam.

ASSESSMENTS UTILIZED: Writing; Advanced Placement practice essays; New York State Regents task preparations (Controlling Idea and Argument Essay); expository writing: persuasive, compare and contrast, cause and effect, etc.; weekly *New York Times* Op-ed responses; and creative projects.

SUMMER ASSIGNMENT: *Optional*

COURSE EXPECTATIONS: 11 Advanced Placement: Language and Composition is appropriate for students who have achieved excellence in their 10th grade English classes and are highly motivated. Advanced Placement students should be avid readers and writers. They will be expected to read and interpret challenging literary works both in class and independently.

Teacher recommendation is suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examinations.

ENGLISH 11H**COURSE #: 109****CREDIT: 1****COURSE DESCRIPTION:**

The honors curriculum includes interpretation, critical thinking and personal response to a wide spectrum of literary genres. The course proceeds in greater depth and at a faster pace than non-honors classes. In addition to three units of study based on texts such as The Crucible, The Great Gatsby, The Catcher in the Rye, and a work from Shakespeare such as Othello or Julius Caesar, The honors course features a unit of study based on a major text of high complexity (such as Ethan Frome and The Handmaid's Tale) that help to differentiate this course from non-honors classes. There is a great emphasis on writing technique, grammar, and establishing an authorial voice. Students take common assessments and a final examination based on texts of greater complexity than those used in non-honors courses.

ASSESSMENTS UTILIZED: Exams, essays, projects, and presentations

SUMMER ASSIGNMENT: None

COURSE EXPECTATIONS: English 11H is appropriate for students who have achieved excellence in their 10th grade English classes and are highly motivated. Honors students should be avid readers and writers. They will be expected to read and interpret challenging literary works both in class and independently.

Teacher recommendation is suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

ENGLISH 11R**COURSE #: 110****CREDIT: 1****COURSE DESCRIPTION:**

The English 11R curriculum includes interpretation, critical thinking and personal response to a wide spectrum of literary genres. The student is expected to read and interpret literary work, both in class and independently. Students will read such varied works as The Crucible, The Great Gatsby, The Catcher in the Rye, and a work from Shakespeare such as Othello or Julius Caesar. Vocabulary, spelling and grammar are also an integral part of the course, taught in conjunction with the literature and writing components.

ASSESSMENTS UTILIZED: Exams, essays, projects, and presentations

SUMMER ASSIGNMENT: None

COURSE DESCRIPTION:

The English 11R Literature / Writing Fundamentals III curriculum is for the student who is capable of being in Regents track but needs additional extra time and support to accomplish Regents level work. Smaller class size and an additional daily period of instruction will provide the needed remediation. Placement in the class is determined as a result of teacher evaluation and recommendation using reading scores, skills measurement, state writing assessments and performance in 8th, 9th and 10th grade classes. While this is a class designed to provide extra support for weaker students, it is still a Regents track curriculum. This course does not qualify as an NCAA core course, and therefore cannot be used for NCAA initial-eligibility certification.

ASSESSMENTS UTILIZED: Computerized assessments, exams, essays, projects, and presentations

SUMMER ASSIGNMENT: None

COURSE DESCRIPTION:

English 12 AP Capstone Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a *humanities-based* research question. Please note: students pursuing research in the areas of *social science* or *lab science* should enroll in elective course #230: AP Capstone Research. Through this inquiry, students further the skills they acquired in the AP Seminary course by learning research methodology, employing ethical research practices and accessing, analyzing, and synthesizing information. Upon successful completion of both courses, students will receive an AP Capstone certificate. Those students who complete both courses, in addition to earning a 3 or better on four or more other AP exams will be awarded with the prestigious AP Capstone Diploma.

ASSESSMENTS UTILIZED: Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit or product where applicable) and a presentation with an oral defense.

SUMMER ASSIGNMENT: Yes

PREREQUISITE: AP Capstone Seminar

COURSE EXPECTATIONS: English 12 AP Capstone Research is appropriate for students who have completed AP Capstone Seminar and have achieved excellence in their 11th grade English classes and are highly motivated. Students should be avid readers and writers. They will be expected to read and interpret challenging literary works and informational texts both in class and independently.

Please see page 13-14 for further information regarding the AP examination.

This course fulfills the POB graduation requirement for public speaking.

COURSE DESCRIPTION:

Advanced Placement Literature and Composition is a college-level course that develops students' abilities as readers, writers, and critics of literature. Through extensive reading of novels, plays and poetry, students learn to form independent interpretations of challenging works. Students learn how to discover meaning in literature by being attentive to language, images, character action and various techniques authors use to evoke responses from readers. Students sharpen their abilities to understand literature through their involvement in a small group seminar. The object of the course is to foster lucid writing and analytical reading of challenging literary works. Candidates for this course have already distinguished themselves by their interest and ability in English. All students sit for the AP exam in Literature and Composition and may receive up to one year's college credit for successful performance on the exam.

ASSESSMENTS UTILIZED: Advanced Placement practice essays, expository writing, and research activities

SUMMER ASSIGNMENT: *Optional*

COURSE EXPECTATIONS: Advanced Placement Literature and Composition is appropriate for students who have achieved excellence in their 11th grade English classes and are highly motivated. Advanced Placement students should be avid readers and writers. They will be expected to read and interpret challenging literary works both in class and independently.

Please note: If a student chooses to transfer out of the class once the course has begun, there is a possibility that he/she will need to be scheduled for two half-year courses during the spring semester to satisfy course credit requirements.

Teacher recommendation is suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see page 13-14 for further information regarding the AP examination.

SENIORS MUST TAKE ONE OF THE FOLLOWING COURSES TO SATISFY THE SENIOR YEAR WRITING SELECTIVE REQUIREMENT

WRITING FOR COLLEGE I

COURSE #: 117

CREDIT: 1/2

COURSE DESCRIPTION:

This course will sharpen the student's ability to create full-length essays of various types: analytical, argumentative, descriptive and narrative. Students will learn to form hypotheses, use evidence, and organize thinking effectively. The course will culminate in the production of a full-length college level thesis research paper on either a controversial topic or a literary work.

ASSESSMENTS UTILIZED: Research term papers reflect the units of study

SUMMER ASSIGNMENT: None

WRITING FOR COLLEGE II

COURSE #: 115

CREDIT: 1/2

COURSE DESCRIPTION:

This course is the same design as Writing for College I, but it is for the college-bound student who is more unsure of his / her writing ability and needs the advantage of a smaller class size, more time to work, and modified assignments. A research paper is required. Entrance into this section is by recommendation of the 11th grade English teacher based on the student's performance junior year and his / her score on the English Regents.

ASSESSMENTS UTILIZED: Students are responsible for independent reading assignments, tests and quizzes, essays, and class presentations. There is a final exam or project at the end of the course.

SUMMER ASSIGNMENT: None

FACING HISTORY AND OURSELVES

COURSE #: 123-1

CREDIT: 1/2

COURSE DESCRIPTION:

Please Note: This course satisfies **either** the English Writing or the English Literature selective requirement. **The English portion of this course has a corresponding course in Social Studies that students must also enroll in that satisfies the New York State requirement for Participation in Government course.** This nationally recognized and award-winning course is designed to examine intolerance, racism, prejudice, and anti-Semitic behavior through the eyes of the victim, perpetrator, bystander, historian, novelist, poet and psychologist. The course focuses on the Holocaust and other acts of genocide as well as hate crimes today, and examines how and why individuals and nations lose their moral direction. Students read texts such as Elie Wiesel's Night and LeAlan Jones and David Isay's Our America.

ASSESSMENTS UTILIZED: Exams, essays, projects, presentations, and a culminating college-level research paper

SUMMER ASSIGNMENT: None

SENIORS MUST TAKE ONE OF THE FOLLOWING COURSES TO SATISFY THE SENIOR YEAR LITERATURE SELECTIVE REQUIREMENT

LITERATURE OF THE SUPERNATURAL

COURSE #: 136

CREDIT: 1/2

COURSE DESCRIPTION:

This course explores the role of the supernatural in the literature of various times, places, and genres. The course curriculum consists of classical Greek and Roman mythology featuring heroes and gods, fairy tales with witches and magic, short stories and poetry with ghosts and hauntings, novels such as Bram Stoker's Dracula and Mary Shelley's Frankenstein, and even some contemporary science fiction and fantasy through short stories and film. *Please note when deciding upon this course: due to the genre of the course, students will read and observe materials that can be considered graphic and mature.*

ASSESSMENTS UTILIZED: Students are responsible for independent reading assignments, essays, and class presentations. There is a final exam at the end of the course.

SUMMER ASSIGNMENT: None

CONTEMPORARY LITERATURE

COURSE #: 135

CREDIT: 1/2

COURSE DESCRIPTION:

This course will give students an opportunity to read, examine, and respond to literature written within the last fifteen years. Texts will include both popular *New York Times* Best Sellers as well as some overlooked gems such as August: Osage County, The Perks of Being a Wallflower, Long Way Gone, The Tender Bar, and The Reluctant Fundamentalist. Students that often read literature from primarily the 1950's, 1960's and 1970's will gain an appreciation for modern classics and their corresponding authors.

ASSESSMENTS UTILIZED: Students are responsible for independent reading assignments, tests and quizzes, essays and class presentations. There is a final exam or project at the end of the course.

SUMMER ASSIGNMENT: None

REALITY READINGS

COURSE #: 122

CREDIT: 1/2

COURSE DESCRIPTION:

This course, featuring smaller class sizes for increased student attention, focuses on the contemporary memoir, a very popular genre that utilizes the engaging techniques of nonfiction to recount the lives of authors who experienced the extraordinary events they write about. Readings may include Long Way Gone by Ishmael Beah, Kitchen Confidential by Anthony Bourdain, and Jarhead by Anthony Swofford, among others. Entrance into this section is based on the recommendation of the 11th grade teacher based on the student's grade for his/her junior year and his/her score on the English Regents. Most often, this course is paired with our writing selective, Writing for College II.

ASSESSMENTS UTILIZED: The focus is on reflective writing and includes written responses to the reading as well as personal narrative essays.

SUMMER ASSIGNMENT: None

COURSE DESCRIPTION:

*Please Note: This course satisfies **either** the English Writing or the English Literature selective requirement. **The English portion of this course has a corresponding course in Social Studies that students must also enroll in that satisfies the New York State requirement for Participation in Government course.***

This nationally recognized and award-winning course is designed to examine intolerance, racism, prejudice, and anti-Semitic behavior through the eyes of the victim, perpetrator, bystander, historian, novelist, poet and psychologist. The course focuses on the Holocaust and other acts of genocide as well as hate crimes today, and examines how and why individuals and nations lose their moral direction. Students read texts such as Elie Wiesel's Night and LeAlan Jones and David Isay's Our America.

ASSESSMENTS UTILIZED: Exams, essays, projects, presentations, and a culminating college-level research paper

SUMMER ASSIGNMENT: None

ENGLISH ELECTIVES

PUBLIC SPEAKING FOR BEGINNERS

COURSE #: 126-1

CREDIT: 1/2

COURSE DESCRIPTION:

Students will learn basic forensic (the art of or study of formal debate and argumentation), public speaking, and research skills, focusing on speaking effectiveness and style. Students will work on vocal techniques as well as facial expressions and other gestures to build both skills and confidence while speaking. Students will be required to regularly engage and interact using a variety of “real-life” prompts and participate in impromptu, informative and persuasive speeches. Through such activities and learning opportunities, students with varying initial levels of comfort will be able to advance their skills. Students will also study topics such as interviewing skills, storytelling, non-verbal communication, and the role media plays in our lives.

ASSESSMENTS UTILIZED: Exams, participation and performance in speeches and debates, and research assignments

SUMMER ASSIGNMENT: None

This course fulfills the POB graduation requirement for public speaking.

ADVANCED SPEECH AND DEBATE

COURSE #: 126-2

CREDIT: 1/2

COURSE DESCRIPTION:

Students will learn advanced forensic (the art or study of formal debate and argumentation), public speaking, and research skills, focusing on speaking effectiveness and style. A special focus will be on the Toulmin Method of reasoning and argument as well as Lincoln-Douglas debate format. This course will include structural and organizational techniques that will help students design effective speeches and arguments. Students will be required to regularly engage and interact using a variety of “real-life” prompts and participate in impromptu, informative and persuasive speeches as well as debate environments. Through such activities and learning opportunities, students with pre-existing expertise and levels of comfort will be able to advance their skills.

Please Note: While there is no formal prerequisite for this course, students are encouraged to take this course if they feel their pre-existing expertise precludes them from benefiting from our department's other public speaking course, “Public Speaking for Beginners.”

ASSESSMENTS UTILIZED: Exams, participation and performance in speeches and debates, and research assignments

SUMMER ASSIGNMENT: None

This course fulfills the POB graduation requirement for public speaking.

CREATIVE WRITING I**COURSE #: 125****CREDIT: 1/2****COURSE DESCRIPTION:**

This course will stress each student's development as a writer of fiction, personal narratives and essays, poetry and screenplay writing. Students will model various forms in an effort to reach beyond their experience and talents. The class is taught in a workshop format with an emphasis on both peer and instructor evaluation.

ASSESSMENTS UTILIZED: Grades are based on growth during the writing process, contributions to peer editing, and completed projects in a student's portfolio

SUMMER ASSIGNMENT: None

CREATIVE WRITING II**COURSE #: 125-2****CREDIT: 1/2****COURSE DESCRIPTION:**

This course will build upon the work done in Creative Writing I and will continue to stress each student's development as a writer of fiction, personal narratives and essays, poetry and screenplay writing. There is an expectation for a student to complete a self-selected major text or collection choosing from a variety of genres to work within. Students will model various forms in an effort to reach beyond their experience and talents. Similar to Creative Writing I, the class is taught in a workshop format with an emphasis on both peers and instructor evaluation.

PREREQUISITE: Creative Writing I

ASSESSMENTS UTILIZED: Grades are based on growth during the writing process, contributions to peer editing, and completed projects in a student's portfolio

SUMMER ASSIGNMENT: None

RADIO - FUNDAMENTALS**COURSE #: 154****CREDIT: 1/2****COURSE DESCRIPTION:**

This course provides students with the basic information, knowledge and skills needed to become a broadcaster. Upon passing a necessary audition, students will begin programming their own show on the school station. Topics of study include FCC regulations, basic radio transmission theory, technique, radio history, as well as program speech and the study of music appreciation.

ASSESSMENTS UTILIZED: Tests, essays, homework and underwriting assignments, anecdotes and media reviews, all of which can involve the research of various artists, historical figures and media/technology outlets.

SUMMER ASSIGNMENT: None

COLLEGE RADIO PRODUCTION**COURSE #: 154-2****CREDIT: 1/2****COURSE DESCRIPTION:**

This course introduces the student to the basics of audio production. Students complete studio assignments in order to master the basics of audio production, including an introduction to principles of sound, audio formats, analog vs. digital recording, and the use of various microphone types. Remote equipment use, studio production, and production for the web will also be introduced. Since the material covered is equivalent to a college broadcasting curriculum, students have the option of taking the course for college credit through LIU / CW Post. Using that scheduling model, students are responsible for the cost of college credits awarded.

PREREQUISITE: Radio - Fundamentals (Course #154)

*Students must have already taken the Radio Fundamentals course in the past or need to be scheduled to take Radio Fundamentals and College Radio Production Essentials Audio concurrently (using an odd/even day scheduling configuration).

ASSESSMENTS UTILIZED: Studio assessments, written exams, and participation in group projects.

SUMMER ASSIGNMENT: None

For more information, refer to pages 15 and 16 of the Curriculum Guide.

RADIO -- DAILY BROADCASTING**COURSE #: 154-1****CREDIT: 1****COURSE DESCRIPTION:**

Students will learn NEWS production and directing techniques and develop news casting skills. Working independently, under direction, and as part of student groups, one-half hour broadcast including district-wide and local news, national and top stories, sports, entertainment, weather, and a weekly featured interview will be developed. The NEWS Show will be broadcast every Friday on WPOB 88.5 FM Plainview. Students will also learn how to engineer, anchor, interview, create and execute a news show. Included are in-depth studies on how to accomplish NEWS interviews on personality types and issues of importance to the community.

PREREQUISITES: Radio Fundamentals and College Radio Production

ASSESSMENTS: Tests, essays, homework, underwriting assignments, anecdotes and media reviews, all of which can involve the research of various artists, historical figures and media / technology outlets. In addition, students will create semester-based research reports and presentations on famous broadcasters.

SUMMER ASSIGNMENT: None

This course fulfills the POB graduation requirement for public speaking.

ADVANCED RADIO -- DAILY BROADCASTING**COURSE #: 155****CREDIT: 1****COURSE DESCRIPTION:**

This course will serve as a year-long opportunity for our advanced Radio/Communications students to further engage in our Radio program. Advanced Radio Daily Broadcasting will grant more opportunities for our experienced students to have daily radio broadcast time, create weekly news shows, record podcasts, and also learn how to manage the station and produce other on-air talent.

PREREQUISITE: Radio Daily Broadcasting

ASSESSMENTS: Tests, essays, homework, underwriting assignments, anecdotes and media reviews, all of which can involve the research of various artists, historical figures and media / technology outlets. In addition, students will be assessed based on their pre-production and broadcasting opportunities (both live and pre-recorded such as podcasting).

SUMMER ASSIGNMENT: None

THEATER ARTS I**COURSE #: 140****CREDIT: 1****COURSE DESCRIPTION:**

This course offers an introduction to the various elements in theater craft. Students will explore the craft of acting in an approach that involves exercises, scene work and theater games designed to develop performance skills and technique. The course will focus primarily on the fundamentals of acting techniques, centering especially on the methods pioneered by Stanislavsky and the Moscow Arts Theatre. There will also be an emphasis on improvisation theater games and energy work, through which students will learn to develop creativity and self-expression. Students will also study voice and movement to aid character portrayal. Students should expect to rehearse, memorize and perform monthly monologues as well as multiple character scenes several times a semester. Every effort will be made to schedule Theater Arts I and Theater Arts II students into their own combined class so progress can be made with students lacking vast experience and comfort on stage.

ASSESSMENTS UTILIZED: Performance, journal assessment, tests**SUMMER ASSIGNMENT:** None**This course fulfills the POB graduation requirement for public speaking.**

THEATER ARTS II**COURSE #: 141****CREDIT: 1****COURSE DESCRIPTION:**

This course will build on the foundations of the Theater Arts course. Scene study will continue as well as monthly monologues, with an increased emphasis on the technical, intellectual and psychological demands required of performance. Students will study the different technical demands of stage and on-camera acting and will participate routinely in both. Speech and movement work will center on relaxation, body alignment, breathing techniques and articulation of sound to aid students in finding their own voice. Students will also be introduced to the craft of directing and the basic principles of dramatic writing through discussion, exercises and applied process. The demands of the "real world" and the actor will be discussed, with instruction on resume building and the development of audition techniques. Every effort will be made to schedule Theater Arts I and Theater Arts II students into their own combined class so progress can be made with students lacking vast experience and comfort on stage.

PREREQUISITE: Without prior Chairperson approval, Theater Arts I**ASSESSMENTS UTILIZED:** Performance, journal assessment, tests**SUMMER ASSIGNMENT:** None**This course fulfills the POB graduation requirement for public speaking.**

COURSE DESCRIPTION:

This course will continue to build on the development that took place in the Theater Arts II course. Scene study will continue as well as monthly monologues, with an increased emphasis on the technical and psychological demands required of performance. Students will study the different technical demands of stage and on-camera acting and will participate routinely in both. Speech and movement work will center on relaxation, body alignment, breathing techniques and articulation of sound to aid students in finding their own voice. Students will also be introduced to the craft of directing and the basic principles of dramatic writing through discussion, exercises and applied process. The demands of the "real world" and the actor will be discussed, with instruction on resume building and the development of audition techniques. Every effort will be made to schedule Theater Arts III and Theater Arts IV students into their own combined class so progress can be made with students that have experience and comfort on stage.

PREREQUISITES: Unless prior Chairperson approval is granted, Theater Arts I and Theater Arts II

ASSESSMENTS UTILIZED: Performance, journal assessment, tests

SUMMER ASSIGNMENT: None

This course fulfills the POB graduation requirement for public speaking.

COURSE DESCRIPTION:

Theater Arts IV will continue to build on the development that took place in the Theater Arts III course. Scene study will continue as well as monthly monologues, with an increased emphasis on the technical, intellectual and psychological demands required of performance. Students will study the different technical demands of stage and on-camera acting and will participate routinely in both. Students in Theater Arts IV will conduct two, semester long, in depth studies of a chosen acting teacher or renowned method of acting. The students will complete one research project per semester. A section of the research project will be dedicated to documenting how the student is applying technique to his / her performances. By the end of each semester, the Theater Arts IV student will conduct a lesson for their peers that teaches them about their chosen method. Additionally, the student will create an exercise based on the principals in each method of acting. Students in Theater Arts IV will also have the opportunity to apply their knowledge of theater and exercise their creativity through writing short scenes or monologues which their peers will perform after instruction approval of content. Theater Arts IV students will also gain instruction in writing reviews. After studying the proper way in which critiques are written, students will write formal reviews of the performances done in class. Speech and movement work will center on relaxation, body alignment, breathing techniques and articulation of sound to aid students in finding their own voice. Students will be expected to move towards mastering the craft of directing and applying principles of dramatic writing through discussion, exercises and applied process. In addition, students in the Theater Arts IV course will serve as mentors to Theater Arts I and Theater Arts II students through the occasional use of in-school field trips. The demands of the "real world" and the actor will also be discussed, with instruction on resume building and the development of audition techniques. Every effort will be made to schedule Theater Arts III and Theater Arts IV students into their own combined class so progress can be made with students' experience and comfort on stage.

PREREQUISITE: Unless prior Chairperson approval is granted, Theater Arts I, Theater Arts II and Theater Arts III

ASSESSMENTS UTILIZED: Performance, journal assessment, tests

SUMMER ASSIGNMENT: None

This course fulfills the POB graduation requirement for public speaking.

SUPPORT COURSES

AIS READING

COURSE #: 102-C

CREDIT: 1

COURSE DESCRIPTION:

AIS Reading is a course which is designed to differentiate instruction based on student needs. The class utilizes adaptive technology programs such as Systems 44 and Read 180. A number of reading and writing strategies are provided to students including direct instruction on phonics, word strategy lessons, academic vocabulary, and the use of graphic organizers. There is a focus on the entire writing process which includes an emphasis on sentence structure and grammar. Also included in the course are standardized testing strategies and instruction to prepare students for the New York State English Regents, the Reading RCT and the Writing RCT. Smaller class size will help to provide the needed remediation through a smaller student / teacher ratio.

ASSESSMENTS UTILIZED: Computerized assessment, exams, essays, projects and presentations

SUMMER ASSIGNMENT: None

LITERACY LAB 9

COURSE #: 202-1

CREDIT: 0

COURSE DESCRIPTION:

Literacy Lab 9 is an Academic Intervention Services (AIS) course designed to help support students to develop key literacy skills needed for both the English and Social Studies Regents exams.

ASSESSMENTS UTILIZED: Regents-stylized Practice Assessments

SUMMER ASSIGNMENT: None

LITERACY LAB 10

COURSE #: 206-1

CREDIT: 0

COURSE DESCRIPTION:

Literacy Lab 10 is an Academic Intervention Services (AIS) course designed to help support students to develop key literacy skills needed for both the English and Social Studies Regents exams.

ASSESSMENTS UTILIZED: Regents-stylized Practice Assessments

SUMMER ASSIGNMENT: None

LITERACY LAB 11

COURSE #: 210-1

CREDIT: 0

COURSE DESCRIPTION:

Literacy Lab 11 is an Academic Intervention Services (AIS) course designed to help support students to develop key literacy skills needed for both the English and Social Studies Regents exams.

ASSESSMENTS UTILIZED: Regents-stylized Practice Assessments

SUMMER ASSIGNMENT: None

ENGLISH AS NEW LANGUAGE (ENL)

Mr. Leonardo Rivera, Director

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516-434-3179

DEPARTMENT OF ENGLISH AS A NEW LANGUAGE (ENL)

English Language Learners (ELLs) are scheduled for classes based on their level of proficiency as determined by the NYSESLAT administered in the spring or by the NYSITELL administered upon entrance to the school district. Student proficiency levels are listed below:

Level 1 -- Entering
 Level 2 -- Emerging
 Level 3 -- Transitioning
 Level 4 -- Expanding
 Level 5 -- Commanding

The accompanying chart outlines the units of study for ENL or integrated co-teaching instruction. In both the ENL stand-alone classes and the integrated co-teaching classes, students are prepared for the NYSESLAT and Regents examinations.

Grades 9-12	Level 1 Entering	Level 2 Emerging	Level 3 Transitioning	Level 4 Expanding	Level 5 Commanding
<i>ENL Stand-alone</i>	1 or 2 units	½ or 1 unit	X	X	X
<i>Integrated Co-teaching ENL</i>	1 or 2 units	½ or 1 unit	½ or 1 unit	1 unit	X
<i>ENL or Integrated (Flexibility)</i>			½ unit	X	Consultant Services
Total Units	Must total 3 units	Must total 2 units	Must total 1 unit	Must total 1 unit	

FAMILY AND CONSUMER SCIENCE

Mr. Thomas Schwartz, Coordinator

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FAMILY AND CONSUMER SCIENCES

Grade 7

FACS 7

Grade 8

FACS 8

→

High School Options

Child Development



Early Childhood Education



Human Development



Food, Nutrition & Wellness



Gourmet Foods (Grades 10-12)

Students have an option of taking FACS 8, but it is not required in grade 8. Once in high school students can continue their classes starting with any of the following three courses: Child Development, Human Development, and Food, Nutrition & Wellness.

Students are encouraged to begin with Child Development prior to taking Early Childhood Education. Students interested in taking Gourmet Foods should take Food Nutrition and Wellness first. Child Development, and Food, Nutrition & Wellness provide students with the necessary skills before entering into Early Childhood Education, and Gourmet Foods.

FOOD, NUTRITION & WELLNESS**COURSE #: 877****CREDIT: ½****COURSE DESCRIPTION:**

Learn to make better food decisions by exploring relevant nutrition and wellness concepts. Food lab experiences will explore cooking chemistry with an emphasis on healthier baking and cooking techniques. Students enjoy food prep labs and eat the results of their efforts! Nutrient content, eating and exercise, food labeling and other timely topics are investigated using internet resources.

ASSESSMENTS UTILIZED: Rubric per project**SUMMER ASSIGNMENT:** None**HOMEWORK:** None

GOURMET FOODS - GRADES 10-12**COURSE #: 874****CREDIT: ½****COURSE DESCRIPTION:**

Food safety and science highlights this life skills course. Students practice their food prep skills and participate in planning, preparation and sanitation activities. A variety of lab experiences including appetizers, soups and salads, entrees and culinary delights are enjoyed in this class. Careers in food and hospitality are explored.

SUMMER ASSIGNMENT: None**HOMEWORK:** None

CHILD DEVELOPMENT - GRADES 9-12**COURSE #: 872****CREDIT: ½****COURSE DESCRIPTION:**

The focus of study is on the physical, emotional and social development of toddlers and pre-school children. Different learning experiences, hands-on activities and projects help students develop an understanding of how young children grow. They will acquire skills necessary for positive interactions with children. In class students discuss issues such as brain development, discipline, health and safety, playing and reading to young children.

SUMMER ASSIGNMENT: None**HOMEWORK:** Text reading

COURSE DESCRIPTION:

This is an informative and interactive class that focuses on adolescent and family issues. Relationship, communication and conflict resolution skills are developed. Timely and relevant topics are discussed in group and individual activities. Educational videos, internet resources and active discussions engage and enlighten in this life skills course.

SUMMER ASSIGNMENT: None

HOMEWORK: None

This course contains unit(s) of study on financial literacy.

**COLLEGE EARLY CHILDHOOD EDUCATION -
GRADES 11-12****COURSE #: 876****CREDIT: ½****COURSE DESCRIPTION:**

This course provides an in-depth study of early childhood education. Topics covered are: history of early childhood education, child care rules and regulations, learning environments, curriculum writing, principles of child development, trends and issues in early childhood education and classroom management techniques. A variety of experiences that include project-based learning as well as hands-on activities will be incorporated into the course. Successful completion of the course will enable students to receive 3 undergraduate credits from LIU Post. The course meets every day for one semester (½ year). Students are responsible for the cost of college credits awarded.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasionally

For more information, refer to pages 15 and 16 of the Curriculum Guide.



New York State CTE Programs of Study

Program Coordinators:

Ms. Gina Farrell – gfarrell@pobschools.org

Mr. Scott Lieberman – slieberman@pobschools.org

The Career and Technical Education (CTE) endorsement is an enhancement on a student's high school diploma in the form of a New York State Education Department Seal indicating that a student has completed coursework in a state approved CTE program. POBJFK High School currently offers three New York State approved CTE programs.

POBJFKH's Approved Programs are:

	<i>Early Childhood Education</i>
Required Courses	<ul style="list-style-type: none">• Career & Financial Management – 0.5 credit• College Early Childhood Education – 0.5 credit• WBL / Internship – 1.0 credit
Additional Courses	1.5 Credits in the courses listed below: <ul style="list-style-type: none">• Child Development – 0.5 credit• Human Development – 0.5 credit• Food, Nutrition and Wellness Across the Lifespan – 0.5 credit

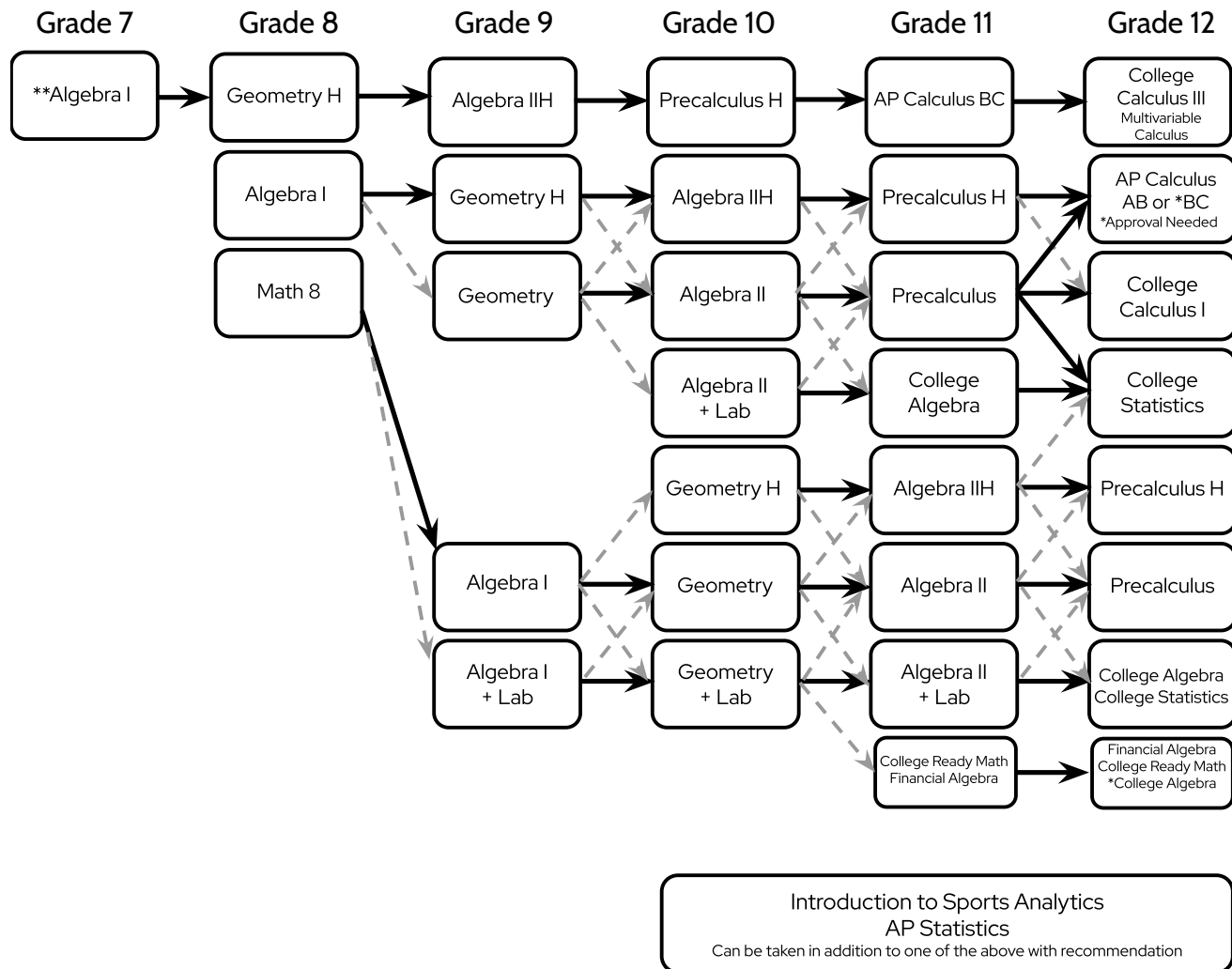
MATHEMATICS DEPARTMENT

Ms. Regina Lee, Chairperson K-12

RegLee@pobschools.org

516-434-3197

POBJFKHS Mathematics Flowchart 2024-2025



**Although the expected pathway for super acceleration in mathematics is illustrated above, students can discuss alternative options with the Math Chairperson after the completion of Precalculus Honors. Also, please keep in mind that high school courses taken in 7th grade do not count toward the three (3) required credits for high school mathematics.

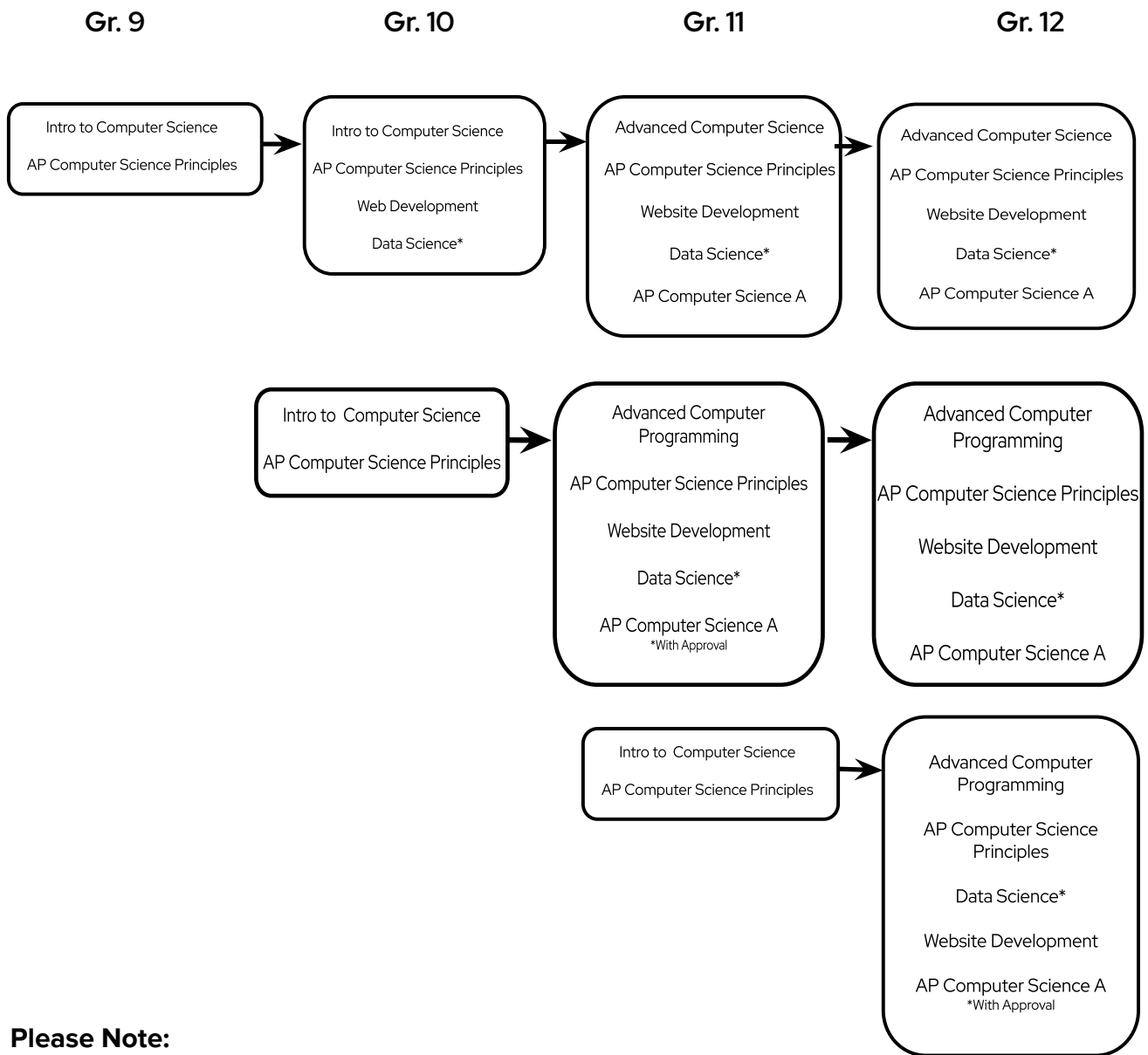
*Special approval by Chairperson needed for students to take College Algebra without successfully completing Algebra II.

COURSES OFFERED FOR DUAL ENROLLMENT

College Calculus I and **College Statistics** can be taken for college credit through Farmingdale State College.

College Calculus III can be taken for college credit through LIU Post. If enrollment numbers do not meet the minimum requirements, the course will be offered through Johns Hopkins Center for Talented Youth as an online course.

POB JFKHS Computer Science Flowchart 2025-2026



Please Note:

- The three sets of pathways displayed above coincide with the grade level upon which students enter the computer science program.
- Data Science and Website Development can be taken concurrently with any other computer science course as early as 10th grade.
- Website Development can be taken for college credit through Farmingdale State College.
- Any of the computer science classes can be taken concurrently with any of the mathematics courses.
- Computer science courses are contained within the Mathematics Department.
- AP Computer Science Principles and AP Computer Science A CANNOT be taken concurrently.
- *Data Science will not run during the 2025-2026 school year.

MATHEMATICS

ALGEBRA I

COURSE #: 301

CREDIT: 1

COURSE DESCRIPTION:

Students will prepare to take the Algebra I Regents Examination in June with an emphasis on algebra and functions. Students must pass this Regents Examination and three courses in mathematics in order to earn a Regents diploma. This course can be used as one of the three courses needed to fulfill this requirement.

ASSESSMENTS UTILIZED: Tests and quizzes

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

ALGEBRA I LAB

COURSE #: 301-31

CREDIT: 0

COURSE DESCRIPTION:

The lab serves as a mathematics support for students in Algebra I. The class meets every other day, on even or odd days, and provides students with additional time to build the foundations necessary for Algebra I. A variety of methods, such as small group instruction and informal assessments, will be used to help reinforce concepts and identify areas where further help may be needed. Students taking Algebra I Lab must also be enrolled in Algebra I during the same academic year.

ASSESSMENTS UTILIZED: Formative assessments (i.e. exit tickets, mini conference, collected practice)

GEOMETRY**COURSE #: 303****CREDIT: 1****COURSE DESCRIPTION:**

Students will prepare to take the Geometry Regents Examination in June with an emphasis on congruence, similarity, right triangles, trigonometry and circles. In order to earn a Regents Diploma with Advanced Designation, students must pass all three Regents examinations in mathematics.

PREREQUISITE: Algebra I**ASSESSMENTS UTILIZED:** Tests and quizzes

GEOMETRY HONORS**COURSE #: 304****CREDIT: 1****COURSE DESCRIPTION:**

This course exceeds the requirements of the NYS curriculum for Geometry and is more rigorous than the Regents-level course. Throughout Geometry Honors, students will experience additional topics as well as the exploration of all topics in greater depth. Students will be expected to apply concepts to a variety of situations on homework, tests and quizzes. Geometry Honors is compatible with students who can think outside the box and do not rely on rote to determine the solution to a problem.

PREREQUISITE: Algebra I**ASSESSMENTS UTILIZED:** Tests, quizzes and projects**SUMMER ASSIGNMENT:** Yes**HOMEWORK:** 30 minutes / night

COURSE EXPECTATIONS: Students should have exceeded a mastery level in Algebra I and should be highly motivated. Teacher recommendation is strongly suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

GEOMETRY LAB**COURSE #: 303-21****CREDIT: 0****COURSE DESCRIPTION:**

The lab serves as a mathematics support class for students in Geometry. The class meets every other day, on even or odd days, and provides students with additional time to build the foundations necessary for Geometry. A variety of methods, such as small group instruction and informal assessments, will be used to help reinforce concepts and identify areas where further help may be needed. Students taking Geometry Lab must also be enrolled in Geometry during the same academic year.

ASSESSMENTS UTILIZED: Formative assessments (i.e. exit tickets, mini conferences, collected practice)

ALGEBRA II**COURSE #: 302-16****CREDIT: 1****COURSE DESCRIPTION:**

A challenging introduction to Precalculus, Algebra II includes polynomial, quadratic, rational, exponential, logarithmic and trigonometric functions, complex numbers, rational expressions, equations in three variables, inequalities, and a comprehensive introduction to probability and statistics. Students will take the Algebra II Regents Examination in June, and can earn a Regents Diploma with Advanced Designation by passing all three Regents examinations in mathematics.

ASSESSMENTS UTILIZED: Tests and quizzes**PREREQUISITE:** Geometry AND a passing score on the CC Geometry Regents Examination**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily

ALGEBRA II HONORS**COURSE #: 302-19****CREDIT: 1****COURSE DESCRIPTION:**

This course exceeds the requirements of the New York State curriculum for Algebra II and is more rigorous than the Regents-level class. Some of the additional topics include synthetic division, rational root theorem, even and odd functions, trigonometric functions, and additional Precalculus topics. This course is designed for those students who are highly motivated and wish to explore higher level Mathematical concepts.

ASSESSMENTS UTILIZED: Tests, quizzes, projects**SUMMER ASSIGNMENT:** Yes**HOMEWORK:** Daily**COURSE EXPECTATIONS:** Students should have achieved mastery in Geometry Honors or exceeded mastery in Regents Geometry.

Teacher recommendation is strongly suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

ALGEBRA II LAB**COURSE #: 302-17****CREDIT: 0****COURSE DESCRIPTION:**

The lab serves as a mathematics support class for students in Algebra II. The class meets every other day, on even or odd days, and provides students with additional time to build the foundations necessary for Algebra II. A variety of methods, such as small group instruction and informal assessments, will be used to help reinforce concepts and identify areas where further help may be needed. Students taking Algebra II Lab must also be enrolled in Algebra II during the same academic year.

ASSESSMENTS UTILIZED: Formative assessments (i.e. exit tickets, mini conferences, collected practice)

PRECALCULUS**COURSE #: 318****CREDIT: 1****COURSE DESCRIPTION:**

This is a rigorous course for students seeking higher level mathematics designed to provide a comprehensive preparation for College Calculus or any first semester college level calculus course. Students entering this course should have knowledge of advanced algebra skills, basic trigonometry, logarithms and exponents, and basic function properties. Topics of study will include, but are not limited to matrices, advanced trigonometry, advanced algebra, in-depth analysis of rational functions, logarithmic functions and exponential functions, trigonometry, inverse relationships, and an introduction to calculus including limits and derivatives. Students are expected to apply concepts covered in class to various types of problems on homework and exams.

PREREQUISITE: Algebra II and proficiency on Algebra II Regents Exam.

ASSESSMENTS UTILIZED: Tests and quizzes

SUMMER ASSIGNMENT: None

HOMEWORK: Minimum 30 minutes daily.

PRECALCULUS HONORS**COURSE #: 313****CREDIT: 1****COURSE DESCRIPTION:**

This is an extremely rigorous course for students who have consistently demonstrated outstanding performance in mathematics. This course covers all of the topics in Precalculus and Differential Calculus. Students are expected to apply concepts covered in class to various types of questions in homework and exams. Precalculus Honors is intended to prepare students for AP Calculus BC or AP Calculus AB.

PREREQUISITE: Algebra II Honors and mastery on Algebra II Regents Exam.

ASSESSMENTS UTILIZED: Tests and quizzes

SUMMER ASSIGNMENT: None

HOMEWORK: Minimum 30 minutes daily

COURSE EXPECTATIONS: Students are expected to have mastery of the topics that were taught in Algebra II Honors including: series and sequences, synthetic division, rational root theorem, inverse trigonometric graphs, and systems of equations with more than two variables. Students should have achieved mastery in Algebra II H or exceeded mastery in Algebra II.

Teacher recommendation is strongly suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

COURSE DESCRIPTION:

This approved course through the University in the High School (UHS) Program at Farmingdale State College includes differentiation of functions of one variable, introduction to integration, and application of differentiation and integration. A graphing calculator may be used and will be provided by the District. Being that this course offers concurrent enrollment, students who register with Farmingdale State College, and successfully complete the course, will be eligible to earn undergraduate college credits.

PREREQUISITE: Precalculus or Precalculus Honors
(FSC Prerequisite: ≥ 70 in Precalculus)

NUMBER OF COLLEGE CREDITS: 4

COST PER CREDIT: \$50 (as of 2024-2025 school year)

REGISTRATION AND PAYMENT DEADLINE: October

ASSESSMENTS UTILIZED: Tests and quizzes

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

For more information, refer to pages 15 and 16 of the Curriculum Guide.

COURSE DESCRIPTION:

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. Students will learn how to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and will make connections amongst these representations. Students will also use technology to help solve problems, experiment, interpret results and support conclusions. Other aspects of this course include the following:

- Students will utilize the TI-Nspire CX CAS handheld in this course.
- Students are encouraged to take the Advanced Placement Exam in May which is given by the College Board.
- A high score on the AP exam may lead to college credit. (Final decisions on placement and credit are at the discretion of each college/university.)
- Students are expected to apply concepts to various types of rigorous problems on homework assignments and exams.

PREREQUISITE: Precalculus H or Precalculus with teacher recommendation

ASSESSMENTS UTILIZED: Tests and quizzes

SUMMER ASSIGNMENT: Yes

HOMEWORK: 45-60 minutes daily

COURSE EXPECTATIONS: Students should have achieved mastery in Precalculus Honors

Teacher recommendation is strongly suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

COURSE DESCRIPTION:

This course is a fast paced, rigorous, college-level course that covers Calculus I and Calculus II over a full school year.. The course includes topics in Differential and Integral Calculus with Analytic Geometry, infinite series, and parametric, vector, and polar functions. Students will learn how to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and will make connections amongst these representations. Students will also use technology to help solve problems, experiment, interpret results, and support conclusions. Other aspects of this course include the following:

- Students will utilize the TI-Nspire CX CAS handheld in this course.
- Students are encouraged to take the Advanced Placement Exam in May which is given by the College Board.
- A high score on the AP exam may lead to college credit. (Final decisions on placement and credit are at the discretion of each college/university.)
- Students are expected to apply concepts to various types of rigorous problems on homework assignments and exams.

PREREQUISITE: Precalculus H

ASSESSMENTS UTILIZED: Tests and quizzes

SUMMER ASSIGNMENT: Yes

HOMEWORK: Minimum 30 minutes daily

COURSE EXPECTATIONS: Students should have achieved mastery in Precalculus Honors or exceeded mastery in Precalculus.

Teacher recommendation is strongly suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

COURSE DESCRIPTION:

Multivariable Calculus, or Calculus III, is the third in a three course calculus sequence which includes the following topics: functions of several variables, partial derivatives, directional derivatives, maxima and minima of functions of several variables, line integrals, surface integrals, divergence, Curl, Green's Theorem, Stokes' Theorem, and applications of double and triple integrals. The primary audience for this course are students who wish to concentrate in either mathematics or applied mathematics. Students concentrating in a tangentially related field, such as physics or engineering, may also be interested in this course. Being that this course offers concurrent enrollment, students who register with LIU Post, and successfully complete the course, will be eligible to earn undergraduate college credits. If enrollment numbers do not meet the minimum requirements for College Calculus III, the course will be offered through the Johns Hopkins Center for Talented Youth as an online course.

PREREQUISITE: AP Calculus BC

NUMBER OF CREDITS: 4

COST PER COURSE: \$290

REGISTRATION DEADLINE: October 1

ASSESSMENTS UTILIZED: Tests and quizzes

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

For more information, refer to pages 15 and 16 of the Curriculum Guide.

ADVANCED PLACEMENT STATISTICS**COURSE #: 321****CREDIT: 1****COURSE DESCRIPTION:**

The topics of study in AP Statistics come from four major themes; exploratory analysis, designing a study, probability, and statistical inference. Students are encouraged to take the Advanced Placement Statistics Examination given by the College Board in May. A high score on the AP exam may lead to college credit. (Final decisions on placement and credit are at the discretion of each college).

ASSESSMENTS UTILIZED: Tests, quizzes, outlines**SUMMER ASSIGNMENT:** Yes**HOMEWORK:** Minimum 30 minutes daily

COURSE EXPECTATIONS: This highly demanding college-level course requires good writing skills as well as an intuitive understanding of mathematics. Students should have achieved mastery in Geometry Honors or Algebra II Regents Level.

Teacher recommendation is strongly suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

FINANCIAL ALGEBRA
(GRADES 11 AND 12)**COURSE #: 324****CREDIT: 1****COURSE DESCRIPTION:**

This course is designed to connect algebra to a student's real life using application-based problems and real-life scenarios. Students will review and strengthen their algebra and problem-solving skills while studying investments, banking, automobile expenses, credit, insurance and household budgeting. Selected advanced mathematical topics may include piecewise functions, regression, limits, exponential functions and linear/quadratic systems. This course may be used as one of the three mathematical courses required for a Regents diploma, but is not intended for students who have successfully completed Algebra II or higher.

PREREQUISITE: Geometry**ASSESSMENTS UTILIZED:** Quizzes and tests**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily

COURSE EXPECTATIONS: It is expected that students complete projects and participate in class discussions.

INTRODUCTION TO COLLEGE ALGEBRA**COURSE #: 314****CREDIT: 1****COURSE DESCRIPTION:**

A fourth year math option, this course emphasizes advanced algebraic applications such as quadratic, polynomial, exponential, trigonometric and logarithmic functions, matrices, and series and sequences. Although students cannot earn college credit by taking this course, Introduction to College Algebra will help prepare college-bound students for math courses that may be included in the required core curriculum for non-math majors.

PREREQUISITE: Algebra II or Financial Algebra or College Ready Mathematics**ASSESSMENTS UTILIZED:** Tests and quizzes**SUMMER ASSIGNMENT:** None**HOMEWORK:** Minimum 20 minutes daily

COLLEGE READY MATHEMATICS**COURSE #: 325****CREDIT: 1****COURSE DESCRIPTION:**

This course is designed to provide a reinforcement of algebra skills and an in-depth study of trigonometry with additional topics in statistics and matrices. Prior knowledge of trigonometry will be extended to extensive manipulations with trigonometric identities and equations. The statistics portion of this course will relate the visual displays and summary statistics learned in prior courses to exploring data, assessing normality, and examining relationships given bivariate data. College Ready Math could satisfy a student's third credit for mathematics while sufficiently preparing the student for the mathematical demands of college courses contained within non-math or science majors. As this course is not approved by the NCAA those seeking credit accreditation can take Introduction to College Algebra.

PREREQUISITE: Geometry**ASSESSMENTS UTILIZED:** Tests, projects and quizzes**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily**COURSE EXPECTATIONS:** Students should expect long-term assignments as well as collaboration opportunities with their peers.

INTRODUCTION TO SPORTS ANALYTICS**COURSE #: 311****CREDIT: 1****COURSE DESCRIPTION:**

In this course students will learn the principles of statistical reasoning in an accessible and engaging manner. This class will discuss the theory, development and application of analytics in sports for the purpose of in-game strategy, player performance, team management, sports operations and fantasy competitions. Emphasis will be on data collection, descriptive statistics, statistical inference and modeling in sports.

PREREQUISITE: Geometry and proficiency on Geometry Regents Exam.

ASSESSMENTS UTILIZED: Tests, quizzes, projects

SUMMER ASSIGNMENT: None

HOMEWORK: Minimum 20 minutes daily

COURSE EXPECTATIONS: It is expected that students complete projects and participate in class discussions.

COURSE DESCRIPTION:

This approved course through the University in the High School (UHS) Program at Farmingdale State College includes descriptive statistics, probability basics, population distribution, sampling distribution, and hypothesis testing. A calculator with two variable statistical capabilities is required and will be provided by the District. Being that this course offers concurrent enrollment, students who register with Farmingdale State College, and successfully complete the course, will be eligible to earn undergraduate college credits.

NUMBER OF CREDITS: 3**COST PER CREDIT:** \$50 (as of 2024-2025 school year)**REGISTRATION AND PAYMENT DEADLINE:** October**PREREQUISITES:**

- Grade 11 or Grade 12
- Algebra II
- Teacher Recommendation
- Additionally for FSC, ≥ 70 on Algebra I Regents
 - If student received COVID Regents waiver, ≥ 85 on Algebra I Final Course Grade

ASSESSMENTS UTILIZED: Tests, projects and quizzes**SUMMER ASSIGNMENT:** None**HOMEWORK:** Minimum 20-30 minutes daily

For more information, refer to pages 15 and 16 of the Curriculum Guide.

INTRODUCTION TO COMPUTER SCIENCE**COURSE #: 625****CREDIT: 1****COURSE DESCRIPTION:**

This is a beginning course for students who are interested in learning how to program computers. Students will learn the methodology of a structured programming language. The Visual Basic language will be studied enabling students to create projects which solve many types of practical problems. Special attention will be given to some fundamental computer science concepts like conditionals, loops, arrays, and a linear search algorithm. Students should expect a rigorous course with a fair amount of reading and homework required.

ASSESSMENTS UTILIZED: Tests, projects and quizzes**PREREQUISITE:** ≥ 85 in Math 8 or successful completion of Algebra 1**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily**COURSE EXPECTATIONS:** Students should expect long-term assignments as well as collaborating with their peers.

ADVANCED COMPUTER PROGRAMMING**COURSE #: 626****CREDIT: 1****COURSE DESCRIPTION:**

Students who have completed Intro to Computer Science or AP Computer Science Principles and want to continue to investigate computer programming languages will find this course of interest. Study of Python and possibly other advanced programming languages forms the basis of the course. Advanced programming projects will be assigned according to each student's ability. Students should expect a rigorous programming course.

ASSESSMENTS UTILIZED: Tests, projects and quizzes**PREREQUISITE:** Intro to Computer Science or AP Computer Science Principles**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily**COURSE EXPECTATIONS:** Students should expect long-term assignments as well as collaboration opportunities with their peers.

COURSE DESCRIPTION:

The AP Computer Science Principles course will introduce students to programming but will also give them an understanding of the fundamental concepts of computing, its breadth of application, and its potential for transforming the world we live in. It will be rigorous, engaging and accessible. This course focuses on connecting computing, developing, computational artifacts, abstracting, analyzing problems and artifacts, communicating and collaborating. This course will also offer App development and design. Students are encouraged to take the Advanced Placement Computer Science Principles exam given by the College Board. The AP Exam for APCSP includes the Create Performance Task which accounts for 30% of the exam and 70 multiple-choice questions which account for 70% of the exam. During the spring, students will be provided with at least 12 hours of in-class time to work on the Create Performance Task.

PREREQUISITE: ≥ 85 in Math 8 or successful completion of Algebra 1

ASSESSMENTS UTILIZED: Tests, quizzes and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: Students should expect long-term assignments as well as collaborating with their peers.

AP: Please see pages 13-14 for further information regarding the AP examination.

COURSE DESCRIPTION:

This is an extremely rigorous course for students of outstanding programming ability. The course will involve a study of data structures and object oriented programming through the study of the Java language. This course is recommended for students who plan to pursue advanced programming courses in college. Students are encouraged to take the Advanced Placement Computer Science exam using the Java language.

PREREQUISITE: Two credits of computer science. Special approval is needed if a student only has 1 credit of computer science.

ASSESSMENTS UTILIZED: Tests, quizzes and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Long and short-term assignments

COURSE EXPECTATIONS: Students in this class must be intrinsically motivated because there are many long-term assignments given.

AP: Please see page 13-14 for further information regarding the AP examination.

COURSE DESCRIPTION:

This higher-level course is an excellent choice for students looking to pursue a career in engineering, mathematics, technology and / or computer science. Incorporating differentiated coding experiences to accommodate students from various backgrounds and levels, the introductory portion of CS DATA Analysis will extend to using MS Excel to write formulas and analyzing/presenting data. The essence of this course lies in coding in a software that is familiar to engineers and scientists known as MATLAB. Throughout this course, students will utilize MATLAB and applied mathematics to examine problems related to engineering and analyze data from aggregate data sources related to scientific data. Resources will include, but are not limited to, MATLAB support, software engineering connections through code.org and Cradle of Aviation Museum -- LI STEM Hub.

PREREQUISITE: Intro to Computer Science or AP Computer Science Principles AND Grade 10 or up.

ASSESSMENTS UTILIZED: Tests, quizzes and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Long and short-term assignments

COURSE EXPECTATIONS: Students in this class must be intrinsically motivated because there are many long-term assignments given.

COURSE DESCRIPTION:

This approved course through the University in the High School (UHS) Program at Farmingdale State College is an introductory course in webpage authoring in which students will create webpages using HTML (HyperText Markup Language), CSS (Cascading Style Sheets) and JavaScript. In addition to the introductory topics of changing text appearance, creating hyperlinks, and inserting images into a webpage, advanced topics such as layout, tables, and forms will also be covered. Being that this course offers concurrent enrollment, students who register with Farmingdale State College, and successfully complete the course, will be eligible to earn three undergraduate college credits.

NUMBER OF CREDITS: 3**COST PER CREDIT:** \$50 (as of 2024-2025 school year)**REGISTRATION AND PAYMENT DEADLINE:** October**PREREQUISITES:**

- Grade 10 or up
- Intro to Computer Science or AP Computer Science Principles

ASSESSMENTS UTILIZED: Tests, quizzes and projects**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily**COURSE EXPECTATIONS:** Students should expect long-term assignments as well as collaboration opportunities with their peers.

For more information, refer to pages 15-16 of the Curriculum Guide.

MUSIC & PERFORMING ARTS DEPARTMENT

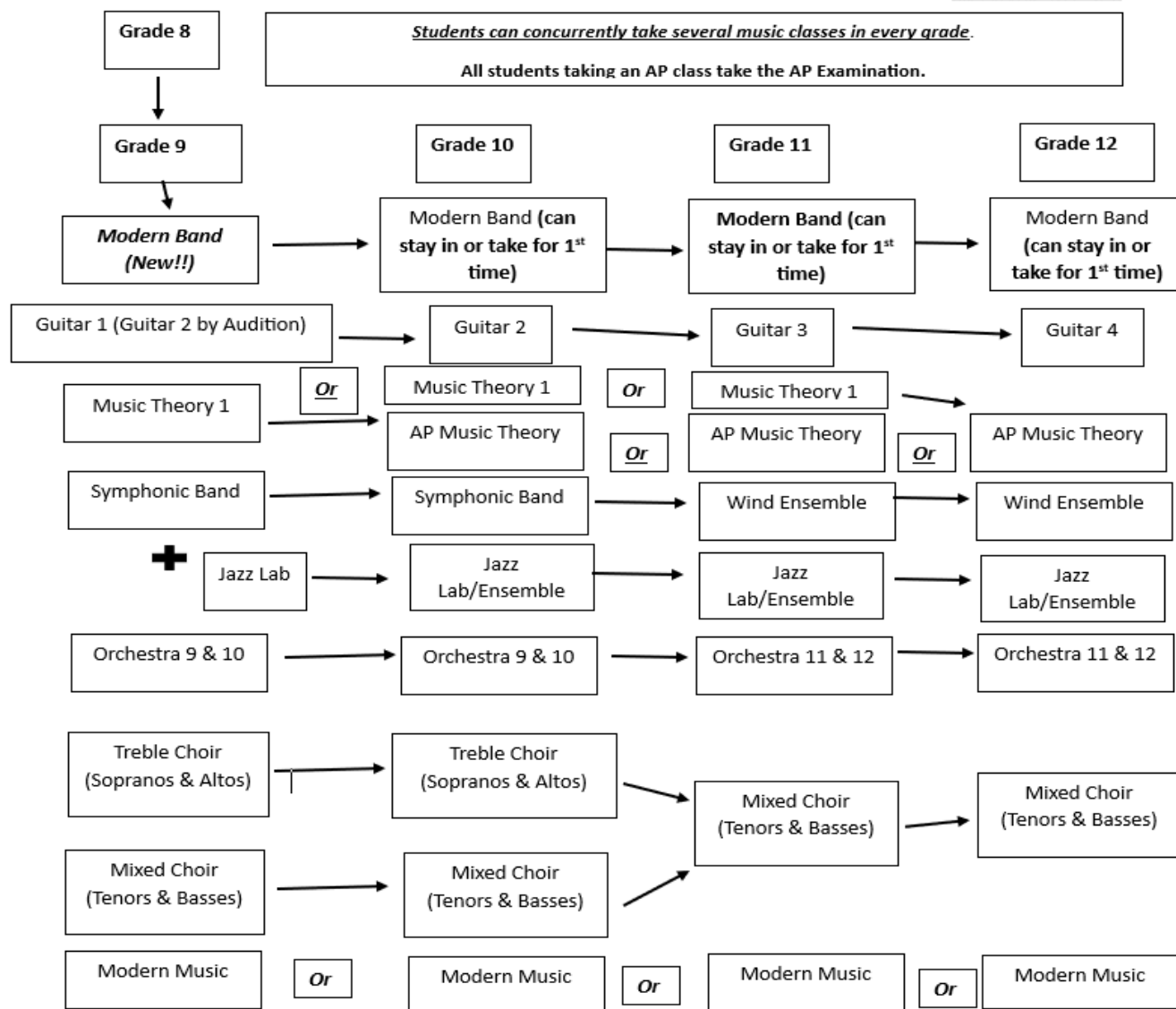
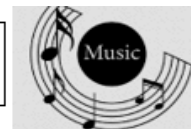
Mr. Michael Rodgers, Director

MRodgers@pobschools.org

516-434-3283



Music and Performing Arts Department:



**MODERN MUSIC: A SURVEY OF
AMERICAN MUSIC**

COURSE #: 850

CREDIT: 1

COURSE DESCRIPTION:

Since the beginning of the 20th Century, music in America has progressed in a way that has influenced the culture of American life. From the beginnings of blues and jazz, the growth of rock and roll, an explosion of folk music, the impact of Motown, the British Invasion, new wave of the 1980's, underground punk rock, the Golden Age of Hip-Hop, the invention of Rap, an outpouring of SKA, the grunge movement, and how the digital platforms of music's permutations has evolved since the year 2000. Focusing on the artists, their words, their music, their message and how the music of the past 130 years has become integral to the impact of American life. Starting with vinyl records, 8-Tracks, Cassettes, CD's, digital download, and back to vinyl. The advent of music television and videos, programming of concerts, and how the internet changed it all. This course is open to any and all students, and you do NOT need to be enrolled in any ensembles to register for this course. Satisfies the NYS graduation requirement of one year (1 credit) of Art or Music.

ASSESSMENTS UTILIZED: Exams, homework, Research Projects, Journal and Article Reviews, Media Reviews, Google Classroom

SUMMER ASSIGNMENT: None

HOMEWORK: 2-3 Assignments per week

MUSIC THEORY I

COURSE #: 852

CREDIT: 1

COURSE DESCRIPTION:

A rudiments course that is designed for students grades 9-12 with formal training in performing music. Though the primary focus of Music Theory I is to explore 18th-century harmonic conventions, connections are made to contemporary forms of music such as jazz and rock wherever possible. Course covers a variety of topics ranging from the basics of music and music notation to the construction of intervals, chords, and chord progressions. Content includes basic harmony, aural skills, ear training, sight singing, and basic understanding of keyboard geography. Appropriate historical context is also explored when applicable.

ASSESSMENTS UTILIZED: Exams, homework, peer assessments (sight singing), Online textbook resources (Musician's Guide to Theory and Analysis), Google Classroom

SUMMER ASSIGNMENT: None

HOMEWORK: Yes

COURSE DESCRIPTION:

AP Music Theory is the continuation of the subject matter covered by Music Theory I. Intermediate to advanced concepts such as four part harmony, voice leading, and associated aural skills that are introduced or alluded to in the previous course will be challenged and expanded daily. Students must be able to clearly read and write music and have basic performance skills in vocal or instrumental music. In addition to preparation for the AP exam, the course will develop a student's ability to recognize, understand and describe the basic materials and processes and music that are heard or presented in a score. As with Music Theory I, connections are made to contemporary forms of music such as jazz and rock wherever possible. Students who are interested in taking AP Music Theory should consult with the instructor to see if this is an appropriate course.

PREREQUISITE: Music Theory I - no exceptions

ASSESSMENTS UTILIZED: Exams, homework, peer assignments (sight singing), Online Textbook resources (Musician's Guide to Theory and Analysis), Google Classroom, College Board AP Classroom web resources.

SUMMER ASSIGNMENT: None

HOMEWORK: Yes

AP: Please see pages 13-14 for further information regarding the AP examination.

MODERN BAND**COURSE #: 851****CREDIT: 1****COURSE DESCRIPTION:**

Modern Band will focus on creating and performing music in the style of musical genres that dominated the 20th and 21st centuries and continue to today's music. The vast catalog of music will include, but not be limited to: rock (hard rock, alternative, progressive, etc.), pop, punk, metal, ska, country, hip-hop, R & B, etc. Focusing on using the traditional "rock band" setup of guitars bass, lead guitar, rhythm guitar, keyboards vocal and backup vocals as a foundation, with additional band and orchestra instruments, to learn and create arrangements to be performed during concerts and events. The catalog of selection will also promote, teach, reinforce, and explore music theory, song structure, harmony, arranging, and utilize the genre to teach components of notation, chord charts, lead sheets, aural skills, the Nashville Number System, and support musical concerts and functions. **NO PREVIOUS EXPERIENCE IN A MUSICAL ENSEMBLE IS NECESSARY. This course will fulfill the requirement for an arts credit.**

ASSESSMENTS UTILIZED: Homework, Playing Assignments, Listening Skills, Technical Skills, Composition, Arranging, Composing, Writing

SUMMER ASSIGNMENT: None

HOMEWORK: 2-3 Assignments per week

TREBLE CHOIR**COURSE #: 855-3****CREDIT: 1****COURSE DESCRIPTION:**

A choral group of soprano and alto voices open to 9th and 10th graders and first time alto and soprano vocal students in 11th and 12th grade; the appropriate voice part of a singer is designated at the sole discretion of the teacher and music department based on the vocal health of each singer. This ensemble will continue the development of each student's vocal skills through the study and performance of music from this ensemble's extensive repertoire. The students are involved in concerts and performances throughout the year. These performances may take place during the school day and after school, evenings and/or weekends. All after-school and evening performances and activities will be announced well in advance. Weekly rotating lessons (voice classes) are a required part of this course and help the students to improve their musical abilities. While no audition is required, acceptance into the ensemble is by the permission of the Treble Choir teacher and music department. The Treble Choir is a gender neutral ensemble.

ASSESSMENTS UTILIZED: Sight-reading, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, individual vocal assessments based on growth, ensemble vocal test, written test, concerts

SUMMER ASSIGNMENT: Yes (optional); two-week summer choral clinic

HOMEWORK: Aural training exercises, solo repertoire practice, lyric memorization, music-reading exercises, Google Classroom assignments, sight-reading assignments, concert attendance (Winter, Spring, and any additional concerts).

MIXED CHOIR**COURSE #: 855****CREDIT: 1****COURSE DESCRIPTION:**

A choral group of mixed voices. It is open to sopranos and altos in grades 11-12, and for tenors and basses in grades 9-12; the choir offers students an opportunity to enjoy and appreciate the very best choral literature through daily rehearsals, sectional rehearsals, evening rehearsals (mandatory Monday evenings about 4 times per quarter) and performances. The students are involved in concerts and performances throughout the year. These performances may take place during the school day and after school, evenings and/or weekends. After-school and weekend performances will be announced well in advance. Weekly rotation lessons (voice classes) are a required part of this course and help the students improve their musical abilities. While no audition is required, acceptance into the ensemble is by permission of the Mixed Choir teacher and music department. The Mixed Choir is a gender neutral ensemble.

ASSESSMENTS UTILIZED: Sight Reading Examples, Flat.io, Sound Trap, Sight Reading Factory, Google Classroom, individual vocal assessments based on growth, ensemble vocal test, written test, concerts

SUMMER ASSIGNMENT: Yes (optional); two-week summer choral clinic

HOMEWORK: Aural training exercises, solo repertoire practice, lyric memorization, music-reading exercises, Google Classroom assignments, sight-reading assignments, concert attendance (Winter, Spring, and any additional concerts).

COURSE DESCRIPTION:

A 9th and 10th grade performing ensemble that is open to all woodwind, brass and percussion players. This course enables the student to have a comprehensive concert and marching band experience. All students in Symphonic Band are required to participate in Marching Band and will receive $\frac{1}{4}$ credit upon completion of the Marching Band schedule. The students are involved in concerts and performances throughout the year. These required performances and rehearsals may take place during the school day and after school, evenings and/or weekends. All after school and evening performances/activities will be announced well in advance. Weekly rotating lessons (instrumental lessons) are a required part of this course and help the student to improve their musical abilities. The repertoire of this ensemble includes a variety of styles and levels of difficulty. 9th and 10th grade students may also audition for the "Wind Symphony" select ensemble.

PREREQUISITE: Middle School Band or equal band experience from another school (i.e., private, transfer student from another district, etc. will be at the discretion of the band director and music director)

ASSESSMENTS UTILIZED: Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts, students will be required to bring Chromebooks to class as well.

SUMMER ASSIGNMENT: Yes, memorizing the upcoming Marching Band music

HOMEWORK: Smart Music assignments, daily rehearsal, sight-reading assignments

COURSE DESCRIPTION:

An 11th and 12th grade performing ensemble open to all woodwind, brass and percussion players through audition and articulation. All students in Wind Ensemble are required to participate in Marching Band and will receive $\frac{1}{4}$ credit upon completion of the Marching Band schedule. The students are involved in concerts and performances throughout the year. These required performances and rehearsals may take place during the school day and after school, evenings and/or weekends. All after school and evening performances/activities will be announced well in advance. This course offers students the opportunity to perform band music of an advanced caliber in a variety of styles. Weekly rotating lessons (instrumental lessons) are a required part of this course and help the student to improve their musical abilities. Weekly rotating lessons (instrumental lessons) are a required part of this course and help the student to improve their musical abilities. Acceptance into the ensemble is by the permission of the Wind Ensemble teacher and music department. 11th and 12th grade students, and some select 10th grade students by discretion of the music department, may also audition for the "Wind Symphony" select ensemble.

PREREQUISITE: Symphonic Band or equal band experience from another school (i.e., private, transfer student from another district, etc. will be at the discretion of the band director and music director)

ASSESSMENTS UTILIZED: Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts, students will be required to bring Chromebooks to class as well.

SUMMER ASSIGNMENT: Yes, memorizing the upcoming Marching Band music

HOMEWORK: Smart Music assignments, daily rehearsal, sight-reading assignments

JAZZ LABORATORY**COURSE #: 860-1****CREDIT: 1/2****COURSE DESCRIPTION:**

This is the first of two instrumental jazz ensembles. This class is designed to introduce students to learning the basics of jazz theory and improvisation, as well as, jazz interpretation. Repertoire includes "jazz standards", as well as, published music from the pop and jazz idioms. The ensemble meets on alternate days during period 9. The students are involved in concerts and performances throughout the year. These performances may take place during the school day and after school, evenings, and weekends. All after school and evening performances/activities will be announced well in advance. Adjudications may be asked of students who participate.

PREREQUISITE: Students must also be enrolled in Symphonic Band or Wind Ensemble while they are in Jazz Ensemble - except guitars and basses (which can be admitted at the discretion of the band director and music department).

ASSESSMENTS UTILIZED: Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts

SUMMER ASSIGNMENT: None

HOMEWORK: Smart Music assignments, daily rehearsal, sight-reading assignments

JAZZ ENSEMBLE**COURSE #: 860-2****CREDIT: 1/2****COURSE DESCRIPTION:**

This is a select modern instrumental ensemble. Repertoire includes both published literature drawn from the pop and jazz idiom and original works composed by students. This ensemble meets on alternate days during period 9. The students are involved in concerts and performances throughout the year. These performances may take place during the school day and after school, evenings and/or weekends. All after school and evening performances/activities will be announced well in advance. Admission is through adjudication which takes place the first week of school. Students in 10th grade may begin to audition for the Jazz Ensemble and admittance will be at the discretion of the Jazz Band Director and Music Department.

PREREQUISITE: Students must also be enrolled in Symphonic Band or Wind Ensemble while in the Jazz Ensemble and have taken the Jazz Laboratory Class - except guitars and basses (which can be admitted at the discretion of the band director and music department).

ASSESSMENTS UTILIZED: Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts

SUMMER ASSIGNMENT: None

HOMEWORK: Smart Music assignments, daily rehearsal, sight-reading assignments

ORCHESTRA**COURSE #: 856****CREDIT: 1****COURSE DESCRIPTION:**

An orchestra ensemble open to all string players and select wind, brass and percussion players. It includes the study of the best in orchestra literature, as well as weekly rotational lessons and techniques instruction. The orchestra performs several times throughout the school year at various school and community functions. The students are involved in concerts and performances throughout the year. These required performances and rehearsals may take place during the school day and after school, evenings and/or weekends. All after school and evening performances/activities will be announced well in advance. This course offers students the opportunity to perform orchestra music of an advanced caliber in a variety of styles. Weekly rotating lessons (instrumental lessons) are a required part of this course and help the student to improve their musical abilities. Acceptance into the Orchestra is by articulation from the 8th grade orchestra program or permission of the orchestra director and music department.

PREREQUISITE: Middle School or High School Orchestra**ASSESSMENTS UTILIZED:** Quarterly performance exams, concerts, lesson attendance and progress, rehearsal attendance and participation**SUMMER ASSIGNMENT:** None**HOMEWORK:** Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, concerts

GUITAR I**COURSE #: 858-1****CREDIT: 1****COURSE DESCRIPTION:**

This course is designed to introduce students to the guitar. It is for beginners. Students will play the guitar using traditional and popular songs as they learn the elements of music (note reading etc.).

ASSESSMENTS UTILIZED: Exams, performance in class (group/solo), demonstrate the ability to play certain songs and exercises.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts

GUITAR II**COURSE #: 858-2****CREDIT: 1****COURSE DESCRIPTION:**

Guitar II is a course for intermediate guitar students. Students will learn to read music at a higher level, play more advanced chords and scales, learn finger picking techniques, learn more advanced guitar / music theory, and perform music in various styles including classical, jazz, pop and rock. This course is designed to challenge students at different intermediate levels.

PREREQUISITE: Guitar I**ASSESSMENTS UTILIZED:** Exams, performance in class (group/solo), demonstrate the ability to play certain songs and exercises.**SUMMER ASSIGNMENT:** Yes, daily practice to maintain skills from Guitar II**HOMEWORK:** Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts

GUITAR III**COURSE #: 858-3****CREDIT: 1****COURSE DESCRIPTION:**

This course offers students the opportunity to continue guitar studies and to perform with peers in various styles of music. They will use combinations of guitars, bass guitars, rhythm tracks and percussion as the work focuses on pop, folk, classical and alternative styles of music. The music of Segovia, Taregga, Clapton, Hendrix, Ellington and Jobim, as well as others will be performed. Students will also develop aural skills to learn solos from recordings, and will learn to play and compose riffs, solos, chords, tabs, etc. Finally, learning the construction and engineering of both guitars and basses through creating, refurbishing, and designing projects.

Prerequisite: Guitar II**ASSESSMENTS UTILIZED:** Exams, performance in class (group/solo), demonstrate the ability to play certain songs and exercises.**SUMMER ASSIGNMENT:** Yes, daily practice to maintain skills from Guitar II**HOMEWORK:** Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts

COURSE DESCRIPTION:

This course offers students the opportunity to continue guitar studies and to perform with peers in various styles of music at the most advanced level. They will use combinations of guitars, bass guitars, rhythm tracks and percussion as the work focuses on pop, folk, classical and additional alternative styles of music. The music of Segovia, Taregga, Clapton, Hendrix, Methany, Montgomery, and others will be performed. Students will also develop aural skills to learn solos from recordings, and will learn to play and compose riffs, solos, chords, tabs, etc. Finally, learning the construction and engineering of both guitars and basses through creating, refurbishing, and designing projects.

Note: This course is concurrently run with Guitar III and coursework is differentiated by the teacher.

PREREQUISITE: Guitar III

ASSESSMENTS UTILIZED: Exams, performance in class (group/solo), demonstrate the ability to play certain songs and exercises.

SUMMER ASSIGNMENT: Yes, daily practice to maintain skills from Guitar III

HOMEWORK: Sight-reading, Smart Music, Sight Reading Factory, Flat.io, Sound Trap, Google Classroom, solo vocal test, ensemble vocal test, written test, concerts

PHYSICAL EDUCATION, HEALTH & ATHLETICS DEPARTMENT

Mr. Joseph Braico, Director

JBraico@pobschools.org

516-434-3100



Health & Physical Education Flow Chart

Physical Education

<u>9th Grade</u>	<u>10th Grade</u>	<u>11th and 12th Grade</u>
Physical Education 9	Lifetime Sports	Lifetime Sports
	Competitive Sports	Competitive Sports
	Beginners Yoga	Beginners Yoga
	Advanced Yoga	Advanced Yoga
	Yoga Fusion	Yoga Fusion
	Beginners Weight Training	Beginners Weight Training
	Advanced Weight Training	Advanced Weight Training
	Core Fitness	Core Fitness
	CrossFit	CrossFit
	Dance Survey	Dance Survey
		Tap
	Sports Physiology and Medicine 1	Sports Physiology and Medicine 1
		College Sports Medicine
		Fit For Life
		Aquatic Training -Renamed Aquatic Training and Life Guard Certification

Health Education

Health 9/10 (required)	Health 9/10 (required)	Health 12 (required in 12 th grade)
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PHYSICAL EDUCATION

BEGINNER WEIGHT TRAINING

COURSE #: 918F
918S

CREDIT: ½

COURSE DESCRIPTION:

This will be an introductory course to various components of weight lifting and weight training. The focus of the class will be on safety, skills development and technique. Students will learn how specific exercises affect different muscle and physical fitness components. Students will be taught and empowered to make wise choices, meet challenges and develop positive behaviors in fitness, wellness and movement activity for a lifetime.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasional assignments

DANCE SURVEY GR. 10-12

COURSE #: 910-F
910-S

CREDIT: ½

COURSE DESCRIPTION:

Dance Survey is a class designed to expose students to the various forms of dance. Dance Survey is a mixed-level class which means that students who have never taken a dance class before and those students who have, are both encouraged to take the class. This format helps everyone to improve while allowing each student to work at his/her own pace. Topics covered may include Jazz, Modern, Swing dance, Ballet, Musical Theater dance, choreography, Soft Shoe,(tap), conditioning, Yoga, etc. We will learn steps and combinations in each of these styles and watch videos of professional dance companies. We will learn steps and combinations in each of these styles and watch videos of professional dance companies. We will also have "stretch days" throughout the year to work on improving our flexibility and relaxation.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasional assignments

LIFETIME SPORTS GR 11-12

COURSE #: 919-F
919-S

CREDIT: ½

COURSE DESCRIPTION:

Designed to provide students with an opportunity to develop and acquire skills in various sports activities to help provide a means to achieve the ability to become an exerciser for life. Traditional offerings will be used to provide a fun and challenging activities class. An emphasis will be placed on incorporating fitness and knowledge into these activities.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasional assignments

TAP DANCE GR 11-12**COURSE #:** 914-F
914-S**CREDIT:** ½**COURSE DESCRIPTION:**

Open to all students regardless of prior experience. Tap focuses exclusively on a specific style of dance. Tap is very musical and often appeals to those who are interested in music and rhythm, or percussion. Tap is a mixed-level class which means that students who have never taken a tap class before **and** those students who have, are both encouraged to take the class. This format helps everyone to improve while allowing each student to work at his/her own pace. We will cover the basics as well as more advanced steps for those who have taken tap before. We will focus on tap technique, combinations, and choreography. We will also view videos of professional tap and rhythmic dance.

Dress: Students do not change clothes for Tap classes - the students will be asked to purchase tap shoes that will be worn throughout the year.

SUMMER ASSIGNMENT: None**HOMEWORK:** Occasional assignments

BEGINNER'S YOGA GR 10-12**COURSE #:** 908-F
908-S**CREDIT:** ½**COURSE DESCRIPTION:**

This class is designed as an introduction to yoga. Class is slower paced and focuses on developing clear and safe alignment in foundational poses. Come to learn, play and maybe even break a sweat in a supportive environment. You don't need to be able to touch your toes; you just have to be willing to try.

SUMMER ASSIGNMENT: None**HOMEWORK:** Occasional assignments

ADVANCED YOGA GR 10-12**COURSE #:** 909-F
909-S**CREDIT:** ½**COURSE DESCRIPTION:**

This class is designed to build on the skills introduced and taught in the beginner's yoga course. The class will focus on improving technique, flexibility and muscular endurance. New postures and sequences will be introduced.

PREREQUISITE: Beginner's Yoga**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasional assignments

CORE FITNESS CLASS GR 10-12**COURSE #:** 922-F
922-S**CREDIT:** ½**COURSE DESCRIPTION:**

This will be a fitness class that will focus on core strength and muscular endurance. Students will learn the basic principles of fitness, while improving individual techniques. This course is designed for students that would like to improve their core and muscular strength, but may not want to learn the Olympic lifts or other strength building exercises. Lessons will be taught using body weight exercises, body bars and other light weight equipment.

PREREQUISITE: None**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasional assignments

PHYSICAL EDUCATION 9**COURSE #:** 902-F
902-S**CREDIT:** ½**COURSE DESCRIPTION:**

Ninth grade students will be offered a wide range of physical activities throughout the school year. The course will focus on developing physical literate individuals who apply knowledge of concepts, principles, strategies and tactics related to movement and performance.

SUMMER ASSIGNMENT: None**HOMEWORK:** Occasional assignments

ADVANCED WEIGHT TRAINING GR. 10-12**COURSE #:** 916F
916S**CREDIT:** ½**COURSE DESCRIPTION:**

This course will focus on the practical application of the latest scientific advances in the area of human performance science. Through experiential learning opportunities students will acquire knowledge and skills that may lead to career choices in: physical therapy, athletics training, sports medicine, physical education, coaching and personal training. Learners will participate in protocols designed to address: flexibility, speed, agility, cardiovascular fitness, strength, nutrition, injury control and prevention and consumer awareness.

PREREQUISITE: Teacher recommendation / Beginner Weight Training**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasional assignments

CROSSFIT GR. 10-12**COURSE #:** 911F
911S**CREDIT:** ½**COURSE DESCRIPTION:**

This course is a fitness-based class that will focus on increasing and developing core strength, cardiovascular and muscular endurance. Students will be taught the basic principles of fitness, while being taught proper exercise techniques in a supportive environment. The emphasis will be on body weight, body bars and weight exercises.

PREREQUISITE: Beginner Weight Training and / or teacher approval**SUMMER ASSIGNMENT:** None**HOMEWORK:** Occasional assignments

FITNESS FOR LIFE GR 11-12**COURSE #:** 917F
917S**CREDIT:** ½**COURSE DESCRIPTION:**

This elective / selective course explores the relationship of physical activity to health and the quality of life. The course offers students a more vigorous opportunity to pursue physical fitness through the use of human performance assessments in five separate components of fitness: cardio respiratory endurance, muscular strength, muscular endurance, flexibility and body composition. It will also examine the relationship between exercise and developing a healthy heart, nutrition, stress, smoking cessation and reduced alcohol consumption. The basic principles of physical conditioning are explored with an emphasis on fitness style during teenage years and into early adulthood. Pre and post self-evaluative data are reviewed for each student. Encouraging the development, design and pursuit of individualized training programs based on each student's needs.

SUMMER ASSIGNMENT: None**HOMEWORK:** Occasional assignments

**AQUATIC TRAINING
AND LIFE GUARD CERTIFICATION****COURSE #:** 923F
923S**CREDIT:** ½**COURSE DESCRIPTION:**

This class is designed for students who wish to prepare themselves for the ARC lifeguard certification test. Students who enroll in this course should have a background and the ability to swim. The course will engage students in a variety of aquatic physical activities that will focus on improving muscular strength, muscular endurance and overall physical fitness. The course will also incorporate CPR / AED and first aid training. Students enrolled in this course will be provided with all of the necessary materials and training to successfully complete and pass the American Red Cross Lifeguard Certification course.

SUMMER ASSIGNMENT: None**HOMEWORK:** Occasional assignments

**COMPETITIVE SPORTS STRATEGIES
AND SKILLS GR 10-12**

COURSE #: 924F
924S

CREDIT: ½

COURSE DESCRIPTION:

Competitive Sport Strategies and Skills is a rigorous elective. Traditional team sports such as football, basketball, volleyball, floor hockey, and softball will be offered as well as lifetime fitness activities. Emphasis will be placed on skill development and game strategy. Time will be taken to introduce coaching philosophies as well as officiating responsibilities. The Sport Education model will be followed for student lead practice development. Daily participation, cooperation and effort are key components of this class, along with periodic skill, written and physical fitness tests.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasional assignments

YOGA FUSION GR. 10-12

COURSE #: 905F
905S

CREDIT: ½

COURSE DESCRIPTION:

Yoga Fusion is a trend that blends yoga poses with other fitness regimens such as Pilates, strength training, dance and kickboxing. It's a great fitness routine for advanced or beginners. Students will increase their muscular strength, muscular endurance and flexibility.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasional assignments

SPORTS PHYSIOLOGY AND MEDICINE 1

COURSE #: 915F
915S

CREDIT: ½

COURSE DESCRIPTION:

This course will explore the fundamentals of exercise, the impact of exercise training on performance and health, and the significance of sports-related nutrition/fueling for sport. Students will also learn the basic skills and fundamental procedures that will help prevent injuries and increase athletic performance, including nutritional guidelines, protective sports equipment, psychological aspects of competition, and training and conditioning.

A strong emphasis will be placed on provided information and guest speakers related to careers in the area of sports exercise and medicine.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasional assignments

COLLEGE SPORTS MEDICINE
(Care and Prevention of Athletic Injuries)

COURSE #: 915-2F
915-2S

CREDIT: ½

COURSE DESCRIPTION:

This course will be an outgrowth of previously-learned materials in Sports Physiology and Medicine. Course work will include lab work focused on evaluating physical movement and identifying movements that could lead to potential injuries. Students will receive an introduction to the athletic training/sports medicine profession through basic methods of preventing, assessing, and treating common sports related injuries.

A strong emphasis will be placed on provided information and guest speakers related to careers in the area of sports exercise and medicine.

SUMMER ASSIGNMENT: None

HOMEWORK: Occasional assignments

For more information, refer to pages 15 and 16 of the Curriculum Guide.

HEALTH

HEALTH 9/10

COURSE #: 921

CREDIT: ½

COURSE DESCRIPTION:

This required health course is designed to guide students in understanding attitudes and behaviors regarding the several aspects of health. Students will acquire a knowledge base in the many topics and factors that will influence their health and wellness throughout their lives. These topics include: mental and emotional health, nutritional principles, human sexuality and social health, substance abuse, and violence and injury prevention. This knowledge will help students to become critical thinkers and problem solvers, responsible and productive citizens, self-directed learners, and effective communicators.

SUMMER ASSIGNMENT: None

HOMEWORK: Frequent homework assignments as well as outside of class projects.

HEALTH 12

COURSE #: 920

CREDIT: ½

COURSE DESCRIPTION:

The goal of the 12th grade Health curriculum is to empower our students to act responsibly. The unique focus built into this curriculum is the topical discussion of issues our seniors will be facing during this transitional time of leaving high school and entering adulthood. Part of the requirement of 12th grade health is ten hours of community service.

SUMMER ASSIGNMENT: None

HOMEWORK: Frequent homework assignments as well as outside of class projects.

COURSE EXPECTATIONS: N/A

RESEARCH

Dr. Joyce Barry, Chairperson
Science, Research & Technology, K-12

Ms. Maria Carnesi, Chairperson
Social Studies & Business, K-12

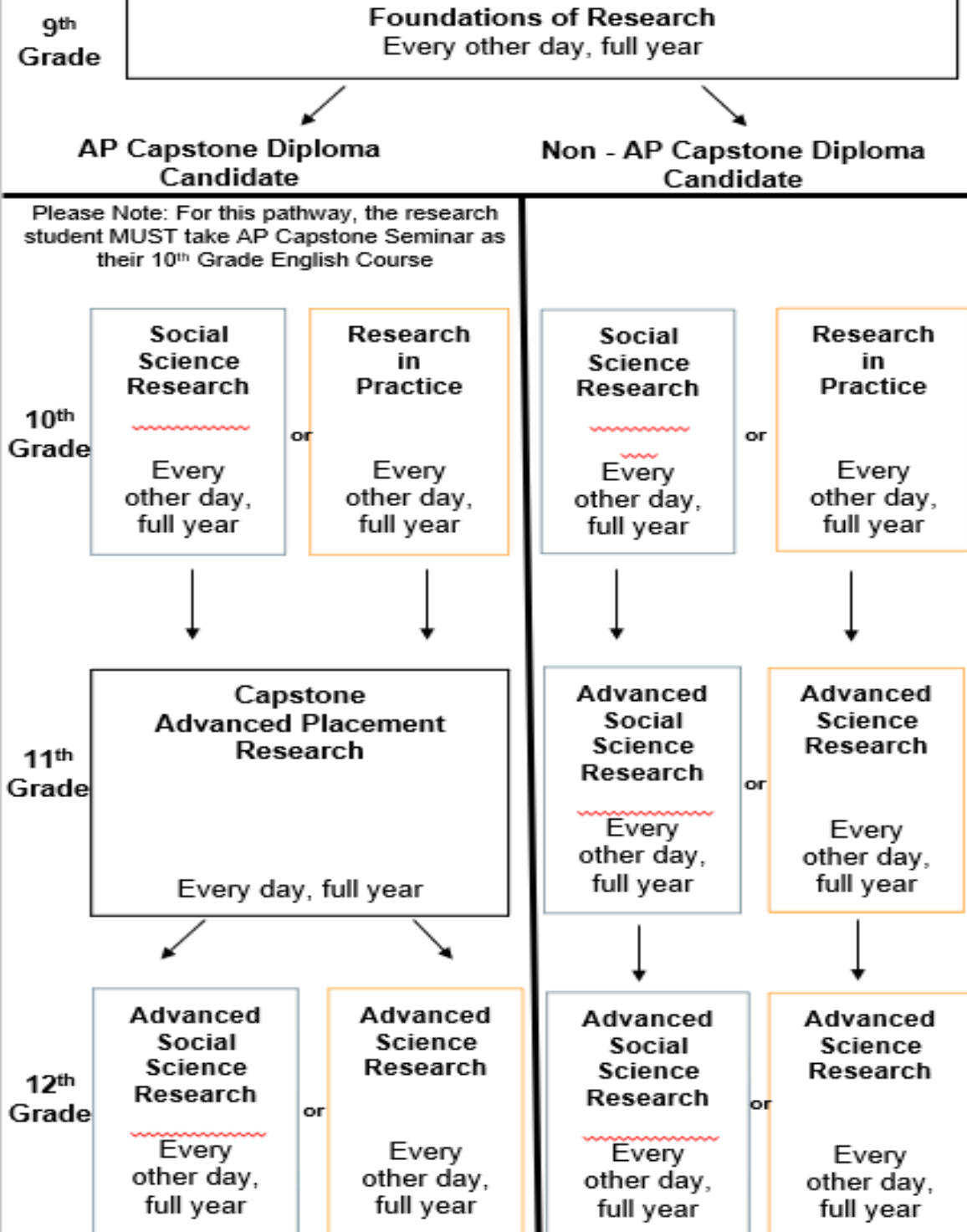
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Research Pathways



RESEARCH

Plainview-Old Bethpage John F. Kennedy High School provides students with multiple opportunities to develop lifelong research skills. The range of courses enables students to explore and pursue areas of individual interests. Our research courses develop foundational skills, provide opportunities for practical applications, and submission / participation in regional, national and international science, math, social science and historical competitions.

The preceding flowchart outlines possible pathways currently being offered.

NOTE: All Research courses are weighted 5% (as are all Honors classes). Capstone Advanced Placement Research is weighted 7% (as are all AP classes).

FOUNDATIONS OF RESEARCH **GRADES 9,10 AND 11**

COURSE #: 129-4

CREDIT: ½

COURSE DESCRIPTION:

Foundations of Research is a course that will introduce students to the fundamental skills necessary for conducting successful research. The course is designed to teach many of the skills that students need to be successful, not only in the research field, but also in all facets of their life. It will prepare them to design individual and team research projects and to work in an outside laboratory or in-house setting. Students will learn time management skills, how to effectively read and annotate scholarly research articles, how to write professional research papers, how to present to an academic audience and how to properly use statistical methods to analyze data. They will produce a series of research projects that will practice research skills such as developing research questions, analyzing the line of reasoning and credibility sources and creating evidence-based arguments. Projects will involve conducting a variety of experiments in the science, math and social science areas. Presentations of findings will be delivered in a myriad of styles that may include PowerPoint / Google Slides, documentary filmmaking, debate and poster presentations. This course will allow students to explore their interest in science, technology, mathematics, literature, history, psychology, anthropology, sociology, political science and/or economics. Projects and competitions may include: eCybermission, NYSSEF - Andromeda, National History Day and the Long Island Science Congress.

ASSESSMENTS UTILIZED: Both formative and summative are utilized.

SUMMER ASSIGNMENT: None

HOMEWORK: Daily.

See Research Flowchart on Page 140 for suggested research pathways.

This course fulfills the POB graduation requirement for public speaking.

RESEARCH IN PRACTICE
GRADES 10 AND 11

COURSE #: 129-3

CREDIT: ½

COURSE DESCRIPTION:

This course offers an in-depth, hands-on exploration of the scientific research process in a laboratory environment. Students will build and put into practice the STEM based research skills and objectives introduced in the Foundations of Research course. Students will develop critical thinking and technical lab skills as they design and conduct experiments across various natural science disciplines, such as biology, chemistry, and physics.

This course emphasizes collaborative research, allowing students to formulate hypotheses, design experimental methodologies, collect and analyze data and troubleshoot experimental challenges. It culminates in a final research presentation, where students present their findings in a professional format, preparing them for future academic and scientific endeavors. There will be opportunities for students to present their work in local and/or national competitions such as Molloy College Science Fair and the Long Island Science Congress.

This course is for students who have strong science and math skills, and have demonstrated the passion and drive to work on college level research in a lab setting as well as in school project based activities.

PREREQUISITE: : *Recommended* Foundations of Research

ASSESSMENTS UTILIZED: Both formative and summative are utilized.

SUMMER ASSIGNMENTS: None.

HOMEWORK: Daily. See Research Flowchart on Page 140 for suggested research pathways.

This course fulfills the POB graduation requirement for public speaking.

ADVANCED SCIENCE RESEARCH
GRADES 11 AND 12

COURSE #: 129-6

CREDIT: 1

COURSE DESCRIPTION:

This course is offered to students who participated in Research before and are ready to write a comprehensive scientific paper. Students must submit their research papers with all supporting documents to major competitions such as the Regeneron Science Talent Search, Long Island Science and Engineering Fair (LISEF), and New York State Science and Engineering Fair (NYSSEF). Students write a comprehensive research paper and will present their findings via presentation board, oral and visual presentations. Students enrolled in this course must make the commitment and have the passion to design and implement a high-level STEM-based research project.

PREREQUISITE: Research in Practice or AP Capstone Research

ASSESSMENTS UTILIZED: Both formative and summative are utilized.

HOMEWORK: Daily.

See Research Flowchart on Page 140 for suggested research pathways.

This course fulfills the POB graduation requirement for public speaking.

SOCIAL SCIENCE RESEARCH
GRADES 10 AND 11

COURSE #: 129-3

CREDIT: ½

COURSE DESCRIPTION:

This course is a half-year sophomore or junior elective that is designed to introduce students to the systematic scientific study of behavior and mental processes of human beings with an emphasis on conducting a high-level behavioral science research project. Much emphasis is placed on learning and applying the various research methods that psychologists use in their science and practice. Students will have to meet monthly deadlines such as choosing a research question, conducting a thorough literature review, gaining Institutional Review Board approval, collecting data, completing statistical analysis, and writing a high-level research paper. Emphasis is placed on preparing students to submit their behavioral projects into the various research competitions such as the Long Island Science Congress, and NYSSEF-Andromeda.

ASSESSMENTS UTILIZED: Both formative and summative are utilized.

SUMMER ASSIGNMENT: None.

HOMEWORK: Daily.

See Research Flowchart on Page 140 for suggested research pathways.

Please see pages 13-14 for further information regarding the AP examination.

This course fulfills the POB graduation requirement for public speaking.

COURSE DESCRIPTION:

This is a half-year elective that prepares students to submit their behavioral science projects into the various national research competitions. Students will be required to submit the final version of their research paper by completing the abstract, introduction, methods, results, discussion and conclusion sections. Additionally, students will be required to complete PowerPoints and presentation boards for submission into the various science fairs such as the Regeneron Science Talent Search, Long Island Science & Engineering Fair (LISEF), and the New York State Science & Engineering Fair (NYSSEF).

PREREQUISITES: Introduction to Social Science Research or AP Capstone Research.

ASSESSMENTS UTILIZED: Both formative and summative are utilized.

SUMMER ASSIGNMENT: To continue gathering data and reading and summarizing various research journals in Psychology.

HOMEWORK: Daily.

See Research Flowchart on Page 140 for suggested research pathways.

This course fulfills the POB graduation requirement for public speaking.

COURSE DESCRIPTION:

AP Capstone Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio.

ASSESSMENTS UTILIZED: The course culminates in an academic paper of approximately 4,000-5,000 words (accompanied by a performance or exhibition of product where applicable) and a 15-20 minute presentation with an oral defense.

SUMMER ASSIGNMENT: Yes.

HOMEWORK: Daily.

COURSE EXPECTATIONS: AP Capstone Research is appropriate for students who have achieved excellence in their AP Capstone Seminar class and are motivated. Students should be avid readers and writers. They will be expected to read and interpret challenging texts both in class and independently. For students and parents unsure about the suitability of the course, consultation with the Department Chair and School Counselor is recommended.

PLEASE NOTE: Students who complete AP Capstone Seminar are invited to take AP Capstone Research in their 11th or 12th grade. Upon successful completion of both courses, students will receive an AP Capstone certificate. Those students who complete both courses, in addition to earning a 3 or better on 4 or more other AP exams will be awarded with the prestigious AP Capstone Diploma.

PREREQUISITE: AP Capstone Seminar (see page 80 for course details)

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

See Research Flow Chart on Page 140 for suggested research pathways.

This course fulfills the POB graduation requirement for public speaking.

Please see pages 13-14 for further information regarding the AP examination.

Science Department

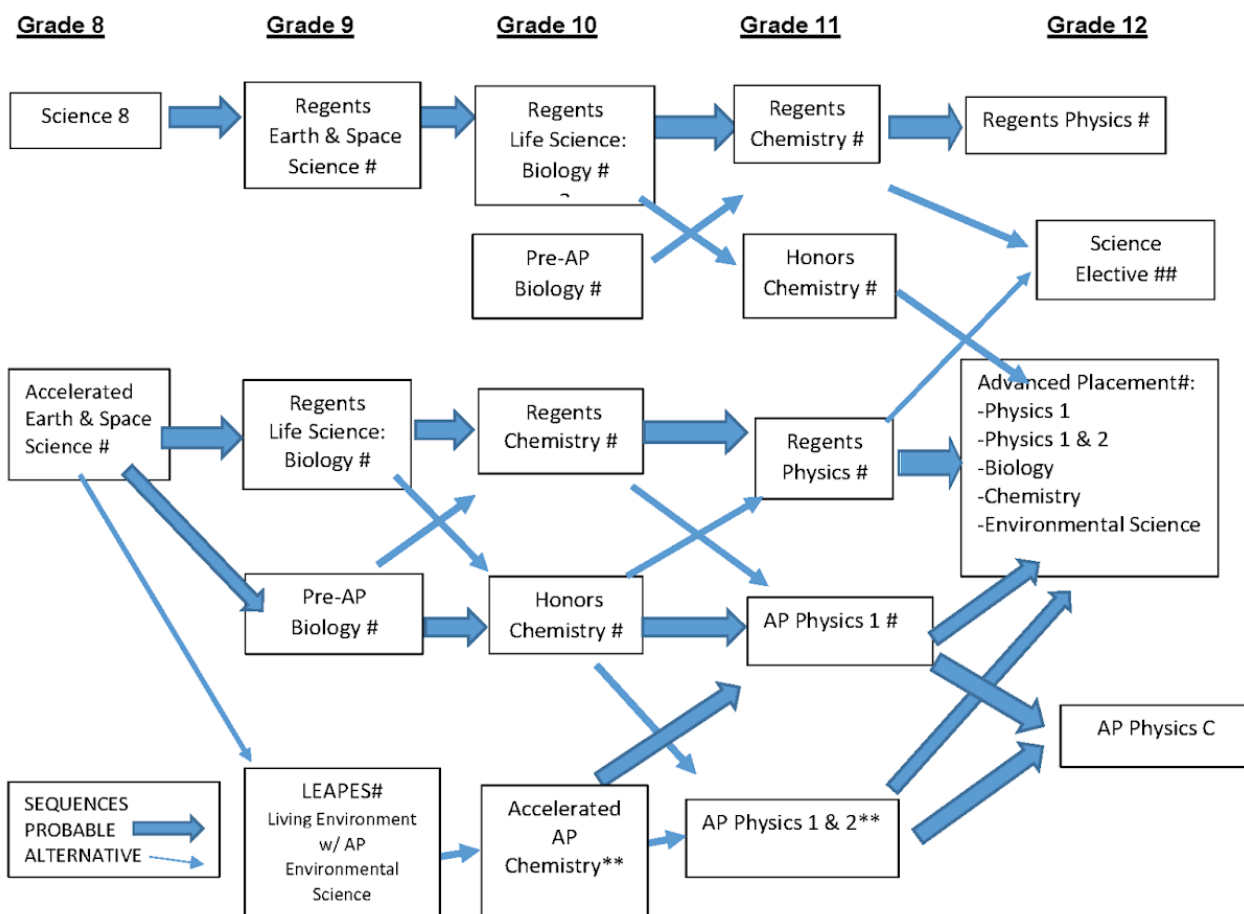
Dr. Joyce Barry, Chairperson

Science, Research & Technology, K-12

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SCIENCE



Science Electives

- Anatomy & Physiology # @ LIU
- Applied Science
- Astronomy ##
- Biotechnology/DNA Science ##
- Careers in Engineering ##
- EMT # @ Nassau VEEB
- Forensic Science ##
- Health Related Careers @ LIU
- Marine Science ##

AP Courses #

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 1
- AP Physics 1 & 2
- AP Physics C

Accelerated AP Chem - double period every day

STEM Electives ##

- Aeronautics
- College Engineering @ Hofstra
- Careers in Engineering

- Regents exam requires the successful completion of lab requirements.
- All students taking an AP class must take the AP examination.

Lab class, double-period every other day
 ## Every other day class
 @ College Credit
 ** Double period every day

Students pursuing Accelerated / Honors classes are encouraged to take Independent Research

EARTH AND SPACE SCIENCE REGENTS + LAB**COURSE #:** 403-1, 403-2**CREDIT:** 1**COURSE DESCRIPTION:**

Earth Science is a blend of many different sciences including: Astronomy, Meteorology, Geology, Hydrology, Climatology, Sedimentology, Geomorphology, Petrology, Mineralogy, Seismology, and Plate Tectonics. Throughout this course we will investigate these fields and the many processes that have created and continue to shape our planet, solar system, galaxy and universe.

ASSESSMENTS UTILIZED: Exams and quizzes model the **NEW** NYS Regents. There will be a variety of hands-on lab experiments performed in class. Students are responsible for actively participating in the experiment as well as the completion of a written lab report. This course requires the successful completion of three state mandated Investigations in addition to 1200 minutes, 30 credits of documented laboratory experiments as per New York State as evidenced by written lab reports.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

LIFE SCIENCE - BIOLOGY REGENTS + LAB**COURSE #:** 405-1, 405-2**CREDIT:** 1**COURSE DESCRIPTION:**

This meets the requirements of the **NEW** NYS Biology Regents. Students will be able to compare and contrast body systems and how they work together to maintain homeostasis of the organism as well as how other living organisms interact with their environment.

ASSESSMENTS UTILIZED: Exams and quizzes model the **NEW** NYS Regents, multiple choice and short answer essay exams, lab reports, and projects. There will be a variety of hands-on lab experiments performed in class. Students are responsible for actively participating in the experiment as well as completion of 3 state mandated Investigations in addition to the successful completion of at least 30 hours of documented laboratory experiments as per New York State as evidenced by written lab reports.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

COURSE DESCRIPTION:

In Pre-AP Biology, students engage in real-world data analysis and problem solving that sparks critical thinking about our living world. This gives students multiple opportunities to think and work like scientists as they develop and strengthen these disciplinary reasoning skills throughout their education in the sciences:

- **Emphasis on analytical reading and writing:** Students engage in analytical reading and writing to gain, retain, and apply scientific knowledge and to carry out scientific argumentation.
- **Strategic use of mathematics:** Students use mathematics strategically in order to understand and express quantitative aspects of biology, to record and interpret experimental data, and to solve problems.
- **Attention to modeling:** Students go beyond labeling diagrams to creating, revising, and using models to explain key patterns, interactions, and relationships in biological systems.

Unit Foundations: These four big ideas are addressed across all units:

- The process of evolution drives the diversity and unity of life.
- Growth and reproduction in biological systems are dependent upon the cycling of matter and the transformation of energy.
- Biological systems, occurring at various scales, respond and adapt to stimuli in order to maintain dynamic homeostasis.
- Genetic mechanisms are essential to maintaining biological systems.

Course at a Glance: Pre-AP Biology has four main units. Their key topics are:

- **Unit 1:** Ecological Systems
- **Unit 2:** Evolution
- **Unit 3:** Cellular Systems
- **Unit 4:** Genetics

This is the honors level Science course for students moving from Earth Science to Life Science. Students must take the Life Science - Biology exam in June.

ASSESSMENTS UTILIZED: Formative, Summative, and Performance-Based. This course requires the successful completion of at least 30 hours of documented laboratory experiments as per New York State as evidenced by written lab reports.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis

COURSE EXPECTATIONS: Students' score at mastery level (85 or higher) on the Earth Science Regents exam is suggested. Students must be ready to put forth the extra effort required to be successful in this higher level course. Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

LEAPES
(Living Environment H/AP Environmental Science)

COURSE #: 420-1, 420-2

CREDIT: 1

COURSE DESCRIPTION:

This most rigorous course follows a combined curriculum outlined by New York State and the College Board. A college textbook is utilized. Homework, laboratory work, reports and student requirements are all college-level. The course is designed to explore environmental topics at a rigor equivalent to that of a first-year college course. Due to the fast pace and depth of material, extensive work outside the classroom and during the summer will be required. Topics include: forms of pollution, population growth, the use of natural resources, genetics, evolution, biochemistry, and ecology. Topics and laboratory work in this class will allow students to understand the interrelationships of the natural world, to identify and to analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems and to examine alternative solutions for resolving them. Students are required to take the AP Environmental Science exam in May and the Living Environment Regents exam. Students enrolled in the course must successfully complete a minimum of 1,200 minutes of hands-on laboratory work. **This course is not eligible for self-selection.** Please see pages 13-14 for further information regarding AP Examination.

PREREQUISITE: 95 or better test average in Accelerated Earth Science and Accelerated Math in 8th grade, and teacher recommendation. **This course is not eligible for self-selection.**

ASSESSMENTS UTILIZED: Formative, Summative, and Performance Based.

SUMMER ASSIGNMENT: Yes - to be posted on the district website.

HOMEWORK: Will be assigned on a regular basis.

ADVANCED PLACEMENT BIOLOGY + LAB

COURSE #: 415-1, 412

CREDIT: 1

COURSE DESCRIPTION: This course will cover the following topics on a first-year college level; Chemistry of Life, Cell Structure and Function, Cellular Energetics, Cell Communication and Cell Cycle, Heredity, Gene Expression and Regulation, Natural Selection, and Ecology. The AP Biology curriculum requires a Chemistry background for success. Laboratory exercises are provided to develop the concepts studied. Scoring at mastery on Science Regents is suggested.

PREREQUISITE: Successful completion of Earth Science, Living Environment, and Chemistry Regents are required.

ASSESSMENTS UTILIZED: Topic exams including multiple-choice questions and essay questions, quizzes, final research project in Biology, take-home projects (2-3)

SUMMER ASSIGNMENT: Yes - to be posted on the district website.

HOMEWORK: Reading assignments, essay questions, self-quiz (multiple choice), vocabulary work. Work will be assigned and checked on a regular basis.

COURSE EXPECTATIONS: Students must take the Advanced Placement exam in May. Teacher recommendation is suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding AP Examination.

CHEMISTRY REGENTS + LAB**COURSE #:** 409-1, 409-2**CREDIT:** 1**COURSE DESCRIPTION:**

Chemistry deals with the composition of materials and the changes that these materials undergo. This is a Regents Chemistry course that presents a modern view of Chemistry to students with a wide range of interests and abilities. Based on the New York State Syllabus, all core topics and extended area topics are covered in preparation for the Regents exam in June.

ASSESSMENTS UTILIZED: Exams and quizzes model NYS Regents, multiple choice and short answer exams, lab reports, and projects. Labs: there will be a variety of hands-on lab experiments performed in class. Students are responsible for actively participating in the experiment as well as the completion of a written lab report. This course requires the successful completion of at least 30 hours of documented laboratory experiments as per New York State as evidenced by written lab reports.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and graded on a regular basis.

CHEMISTRY HONORS + LAB**COURSE #:** 408-1,408-2**CREDIT:** 1**COURSE DESCRIPTION:**

Chemistry deals with the composition of materials and the changes that these materials undergo. This is a rigorous course that presents a modern view of Chemistry to students with a wide range of interests and abilities. Students placed in this course are expected to possess strong algebra skills and the ability to comprehend material that exceeds the State requirements helping prepare students for AP level classes. Based on the New York State Syllabus, all core topics and extended area topics are covered in preparation for the Regents exam in June. This course teaches students to organize, analyze and synthesize information.

ASSESSMENTS UTILIZED: Exams and quizzes model NYS Regents, multiple choice and short answer exams, lab reports, and projects. Labs: there will be a variety of hands-on lab experiments performed in class. Students are responsible for actively participating in the experiments as well as the completion of a written lab report. This course requires the successful completion of at least 30 hours of documented laboratory experiments as per New York State as evidenced by written lab reports.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and graded on a regular basis.

COURSE DESCRIPTION:

This most rigorous course follows a combined curriculum outlined by New York State and the College Board. A college textbook is utilized. Chemistry deals with the composition of materials and the changes that these materials undergo. AP Chemistry is designed to be equivalent to the General Chemistry course offered during the first year of college. The course stresses the qualitative and quantitative relationships of matter.

Due to the fast pace and depth of material, extensive work outside the classroom will be required. College Board recommends a minimum of one-hour study of chemistry outside the classroom. Students are required to take the AP Chemistry exam in May and the Chemistry Regents exam. Students in this class must complete a minimum of 1200 minutes of hands-on laboratory work.

PREREQUISITES: Achieving 90 or higher on LEAPES assessments in the 1st quarter and 2nd quarters.
This course is not eligible for self-selection.

ASSESSMENTS UTILIZED: Topic exams (including multiple-choice questions and free-response questions), laboratory reports, and homework.

SUMMER ASSIGNMENT: Yes - to be posted on Science website.

HOMEWORK: Homework will be assigned, checked, and/or graded on a regular basis.

COURSE EXPECTATIONS: Students must be ready to put forth the extra effort needed to be successful in this combined course. Strong mathematical ability including the ability to do algebraic calculations. This course carries a 7% weighting on averages due to the increased rigor and pacing of the course. All assessments will reflect the greater difficulty to justify the weighting.

SCHEDULING: This course meets for a double period every day.

Please see pages 13-14 for further information regarding the AP examination.

**ADVANCED PLACEMENT
CHEMISTRY + LAB**

COURSE #: 416-1, 416-2

CREDIT: 1

COURSE DESCRIPTION:

AP Chemistry is designed to be equivalent to the general Chemistry course offered during the first year of college. The course stresses the qualitative and quantitative relationships of matter and how they are checked in the laboratory. Students are expected to participate in all classroom discussions and activities. Hands-on lab work is a large component of AP Chemistry. Students are expected to complete a lab-notebook to support their class work.

PREREQUISITE: A desire to learn chemistry and the successful completion of a full-year of either Honors or Regents Chemistry. Students must take the Advanced Placement exam in May.

ASSESSMENTS UTILIZED: Lab reports, topic exams including multiple-choice questions, constructed response, balancing equations, short answers, and essay questions.

SUMMER ASSIGNMENT: Yes - to be posted on the district website.

HOMEWORK: Homework will be assigned on a regular basis.

COURSE EXPECTATIONS: Students must be ready to put forth the extra effort required to be successful in this higher-level course. Strong mathematical ability is needed for success in this course. Teacher recommendation is suggested. Without teacher recommendation, consultation with the Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

PHYSICS REGENTS + LAB

COURSE #: 413-1, 413-2

CREDIT: 1

COURSE DESCRIPTION:

This course is a high school level introductory survey of Physics that exceeds the requirements of the New York State Core Curriculum for the Physical Science / Physics Regents. It requires the application of algebra and trigonometry, but not calculus. Topics covered in this course are kinematics (motion), Newtonian mechanics (forces and motion), energy, momentum, oscillations and gravitation, waves, electricity and magnetism, and modern physics. Students must take the Physics Regents exam in June.

ASSESSMENTS UTILIZED: Class participation / collaborative activities, laboratory exercises, homework assignments, quizzes, and tests modeled after NYS regents. Labs - there will be a variety of hands-on lab experiments performed in class. Students are responsible for actively participating in the experiment as well as the completion of a written lab report. This course requires the successful completion of at least 30 hours of documented laboratory experiments as per New York State as evidenced by written lab reports.

SUMMER ASSIGNMENT: None.

HOMEWORK: Homework will be assigned and checked on a regular basis.

COURSE DESCRIPTION: This course is designed to be the equivalent of a semester of an algebra-based college physics. AP Physics 1 covers more topics, which are discussed in greater depth than in Regents Physics. The course moves at a faster pace than Regents Physics, and the material is treated in a more conceptual and mathematical manner. Topics covered in this course include Newtonian mechanics, waves and light and electricity and magnetism and nuclear physics. Hands-on laboratory work is given special emphasis.

PREREQUISITES: Successful completion of Earth Science, Living Environment, or Biology and Chemistry Regents

ASSESSMENTS UTILIZED: Class participation / collaborative activities, laboratory exercises, homework assignments, quizzes, tests (in AP format) and "The Physics of (*student's choice*)" Independent Research Projects. Labs - there will be a variety of hand-on lab experiments performed in class. Students are responsible for actively participating in the experiment as well as the completion of a written lab report. This course requires the successful completion of documented laboratory experiments.

SUMMER ASSIGNMENT: Yes - to be posted on the district website.

HOMEWORK: Homework will be assigned and checked on a regular basis.

COURSE EXPECTATIONS: Students must take the Advanced Placement exam in May.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

ADVANCED PLACEMENT
PHYSICS 1 & 2 + LAB
GR 11 & 12

COURSE #: 412-1, 412-2

CREDIT: 1

COURSE DESCRIPTION:

This course is designed to be the equivalent of a full first year of an algebra-based college physics course that exceeds the requirements of the New York State Core Curriculum for the Physical Science / Physics Regents. AP Physics 1 & 2 will follow the College Board AP curriculum. The course meets for two periods every day and moves at a faster pace than AP Physics 1. The material is treated in a more conceptual and mathematical manner. Topics covered in this course include Newtonian mechanics, fluids, waves and light, electricity and magnetism, and nuclear physics. Hands-on laboratory work is given special emphasis. Students are required to take both AP Physics 1 & AP Physics 2 exams in May. Successful completion of the laboratory assignments is a requirement for admission to the Regents exam.

PREREQUISITES: Successful completion of LEAPES and Accelerated AP Chemistry (CHAPS)

ASSESSMENTS UTILIZED: Class participation / collaborative activities, laboratory exercises, homework assignments, quizzes, tests (in AP format), and "The Physics of (student's choice)" Independent Research Projects. Labs - there will be a variety of hands-on lab experiments performed in class. Students are responsible for actively participating in the experiment as well as the completion of a written lab report.

This course requires the successful completion of at least 30 hours of documented laboratory experiments as per New York State as evidenced by written lab reports.

SUMMER ASSIGNMENT: Yes - to be posted on the district website.

HOMEWORK: Homework will be assigned and checked on a regular basis.

COURSE EXPECTATIONS: Students must take both College Board Advanced Placement Physics 1 and Advanced Placement Physics 2 exams in May.

Teacher recommendation is required. Without teacher recommendation, consultation with the Department Chairperson and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

COURSE DESCRIPTION:

This course is designed to be the equivalent of two college semesters of calculus-based physics typically selected by physics majors, scientists to be, and engineering students. AP Physics C is a highly challenging course intended to expand and enhance students' understanding of previous concepts covered in their first physics course. This calculus-based course emphasizes the development of quantitative problem solving skills, hands-on laboratory work, and the real world applications of calculus to solving physics problems. The fall semester covers Newtonian mechanics and the spring semester covers electricity and magnetism.

ASSESSMENTS UTILIZED: Class participation / collaborative activities, laboratory exercises, homework assignments, quizzes, tests (in AP format).

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

PREREQUISITE: Students must have successfully completed Regents Physics or AP Physics 1 or AP Physics 1 & 2. Students **must take calculus course prior to, or concurrently** with, AP Physics C. Students must take the Advanced Placement exam in May in both AP Physics C Mechanics and AP Physics C Electricity & Magnetism.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE + LAB (APES) COURSE #: 430-1, 430-2

CREDIT: 1

COURSE DESCRIPTION:

AP Environmental Science is the equivalent of a college-level course in Environmental Science. Environmental Science involves the study of cycles in nature, populations, communities and ecosystems, pollution and technology. Students investigate current issues related to the state of the environment and the interaction of science, technology and society. This course includes a considerable amount of writing about lab experiences as well as current environmental topics.

PREREQUISITE: Successful completion of Earth Science and Living Environment/Biology are required.

ASSESSMENTS UTILIZED: Multiple choice, short answer, free response, projects and long-term research required.

SUMMER ASSIGNMENT: Posted to website

COURSE EXPECTATIONS: Students must take the Advanced Placement exam in May.

Please see pages 13-14 for further information regarding the AP examination.

SCIENCE ELECTIVES

EMERGENCY MEDICAL TECHNICIAN

COURSE #: 425

CREDIT: 1

COURSE DESCRIPTION: This science elective is open to any student that will reach their 17th birthday by June. It is the same course that is offered to volunteers in Nassau County, therefore, it is on par with a college-level course. Upon successful completion and certification, college credit is available.

ASSESSMENTS UTILIZED: Assessments include quizzes, cumulative interim examinations, and a cumulative final exam. All exams and quizzes are prepared through NCEMSA and are representative of state multiple-choice test questions. Skills are assessed on a regular basis and interim skills evaluations are done along with the interim exams. Reading is assigned at the start of the course and written homework is collected and graded regularly. Additionally, students are required to attend a three-hour class in vehicle extrication on a Saturday in the spring. The students must also attend ten hours of hospital rotations during the school year.

SUMMER ASSIGNMENT: None

COURSE EXPECTATIONS: To certify as an EMT in NYS, the student is required to:

- maintain a 70 or better average in the class;
- pass the final exam with a grade of 70 or better;
- pass the practical skills exam;
- pass a 110-question state certifying exam.

Daily attendance is required to meet the mandatory seat time. All EMT absences must be made up. Opportunities for make-ups may be given at school or at the EMS academy facilities. There is a \$15 CPR fee required for participation in the EMS Program Nassau County.

COLLEGE CREDITS: National College Credit Recommendation Service approved: credit recommendation: 6 semester hours.

Emergency Medical Technician – Basic (EMT-B) (137 hours) EMTs are the basic level of EMS provider associated with an ambulance service or rescue squad. These technicians are skilled in the provision of basic life support for the many illnesses and accidents that require emergency medical treatment prior to arrival in a hospital emergency department. EMTs are trained in patient immobilization and packaging procedures needed to prevent further injury and to provide safe transport to an appropriate medical facility. NYS regulations require that a certified ambulance service always have a minimum of one EMT with the patient.

Students may apply for college credit for this class. Once the EMT class is complete and the students have been certified by the state, they will need to apply for credit with the Registrar of the school they will be attending. The students should then contact VEEB for a copy of their transcript.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

COURSE DESCRIPTION:

This is a college-level course intended for students who are planning to pursue a career in a health-related field. Due to the complexity of the material students must be prepared to study and do work outside of class on a regular basis. Body structure and function of the integumentary, skeletal, muscular and nervous systems will be studied. The topics will be taught through lectures, class discussions, and laboratory sessions that include microscopy, virtual and optional physical dissections and simulations of physiology experiments. Students will acquire an in-depth knowledge of the relationship between structure and function, while developing the observational skills and logical thought patterns as a basis for application in future science courses and also in clinical real-life situations.

This course is running in partnership with Long Island University. The students may choose to earn 4 college credits per semester at a rate of \$290 per semester, 8 credits total for the year for \$580 (students can still take this course if they choose not to pay for the LIU credits).

PREREQUISITES: Mastery on the Living Environment and Chemistry Regents exams.

ASSESSMENTS UTILIZED: Tests, quizzes, lab reports, projects, homework, case studies and class participation.

SUMMER ASSIGNMENT: Yes - will be posted on the district website in June.

HOMEWORK: Homework will be assigned and checked on a regular basis.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

APPLIED SCIENCE**COURSE #:** 423-3**CREDIT:** 1**COURSE DESCRIPTION:**

This course addresses common topics of interest in many fields of science. Most grades are from papers, PowerPoints, brochures and alternatives to standard classroom exams. Most work is done in class and graded with a rubric given before the project. If you're ready to explore the worlds of science and work in class without test anxiety, this is your class. This course meets the requirement for a third year of science.

PREREQUISITES: Completion of two years of science and a passing grade on a science Regents exam.

ASSESSMENTS UTILIZED: Lab reports, lab practicals, quizzes, classwork / homework, small research paper, and notebook tests.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

BIOTECHNOLOGY / DNA SCIENCE**COURSE #: 445****CREDIT: ½****COURSE DESCRIPTION:**

The topic of Biotechnology provides an ideal venue to assist students in thinking about career options in all areas of medicine. This field encompasses careers in both the private and public sectors and offers a wide variety of different possible areas of focus. Biotechnology has now become the reality and hope for the future of improving and extending human life. Students will explore the fundamental principles of biotechnology and DNA science. Topics include: DNA, RNA, and protein technologies; genetic diagnostics; food processing (GMO's); forensic science applications; cloning stem cells; and bioethics. Laboratory activities reinforce concepts and principles presented. Self-sufficiency and responsibility in work habits required.

ASSESSMENTS UTILIZED: Lab, quizzes, lab reports, projects, homework, class participation, and practical applications.

PREREQUISITES: Successful completion of Living Environment and Chemistry.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned on a regular basis.

ASTRONOMY**COURSE #: 422****CREDIT: ½****COURSE DESCRIPTION:**

This course is designed for students to study the history of astronomy as a scientific endeavor, explore astronomical phenomena observable in the day and night sky, and consider the major theories explaining the origins and future of the universe. Students will study the structure and evolution of the solar system, stars, galaxies, and the universe including the applications of tools and techniques such as telescopes and spectral analysis.

ASSESSMENTS UTILIZED: Class discussion and participation / collaborative activities, laboratory exercises, tests, and independent research projects.

SUMMER ASSIGNMENT: None.

HOMEWORK: Homework will be assigned on a regular basis.

FORENSIC SCIENCE**COURSE #: 440****CREDIT: ½****COURSE DESCRIPTION:**

This course is designed to give students an introduction to forensic techniques used in solving crimes through lab experimentation, case studies and an on-line application. Students will participate in hands-on laboratory activities, crime scene investigation, quarterly projects, and solving mysteries throughout the year. Students will also learn about law enforcement, crime scene investigation, and the criminal justice system.

PREREQUISITE: Completion of graduation requirements in science, and student must be entering their senior year to enroll.

ASSESSMENTS UTILIZED: There will be a unit exam at the completion of each unit. Quizzes may contain a variety of multiple choice, matching, fill-in, and short essay questions. Projects will be assigned one or more times each quarter. Projects may include a research paper, PowerPoint presentation, podcasts, video, and critique. Students will be responsible for the completion of the project on their own time. Projects will vary between individual and group assignments. Labs will provide a variety of hands-on lab experiences and will occur several times per quarter.

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned on a regular basis. It will usually involve a reaction paper, case study, or a worksheet.

COLLEGE HEALTH RELATED CAREERS**COURSE #: 444****CREDIT: ½****COURSE DESCRIPTION:**

This course is designed for students interested in pursuing a career in the healthcare industry. Students will be introduced to basic patient care, hygiene, safety, outpatient and inpatient care, division in the hospital and other areas of medical care. Students will learn about the basics of healthcare in the United States, and how hospitals, nursing homes, rehabilitation facilities and other care facilities (public and private) operate. They will explore careers that have direct contact with patients and those "behind the scenes." The class will conduct tours of hospitals and clinics. A project in this class will be to choose a health care field, research, shadow a professional in the field (if possible) and report to the group on the experience. The course does not qualify as an NCAA core course, and therefore cannot be used for NCAA initial-eligibility certification.

Students may pursue college credit for this course through the Long Island University (LIU) High School Honors Program (3 credits - \$290).

PREREQUISITE: Students must have completed their science graduation requirement.

ASSESSMENTS UTILIZED: Tests, quizzes, lab reports, projects, homework, class participation, case studies, projects, and practical applications.

SUMMER ASSIGNMENT: None.

HOMEWORK: Homework will be assigned on a regular basis.

For more information refer to pages 15 and 16 of the Curriculum Guide.

AERONAUTICS GR 11-12**COURSE #: 446****CREDIT: ½****COURSE DESCRIPTION:**

The course presents an overview of aviation, enabling the student to gain an appreciation of the complexities of the field of aeronautics. Course content includes aircraft structures, principles of flight, aerodynamics of flight, flight controls, aircraft systems, flight instruments, flight manuals and documents, weight and navigation, aeromedical factors, and aeronautical decision making. The project-based learning model will require students to integrate science, technology, engineering, and mathematics (STEM), and be innovative thinkers within the realm of aeronautics. Students will expand their understanding through the application of STEM to real world scenarios via laboratory practices and computer applications. Students will demonstrate their knowledge through tests, hands-on demonstrations, technical reports, and projects. This course is co-taught with Technology.

PREREQUISITE: Successful completion of Earth Science and Living Environment**ASSESSMENTS UTILIZED:** Projects, exams, homework, class participation, and practical applications.**SUMMER ASSIGNMENT:** None.**HOMEWORK:** Homework will be assigned on a regular basis.

CAREERS IN ENGINEERING GR 11-12**COURSE #: 603****CREDIT: ½****COURSE DESCRIPTION:**

This course is to provide students with a sampling of what a career in engineering could entail. Students will learn about various types of engineers, the expectations for each area, the education and expectations for success in those areas. Students will be assigned projects that involve researching specific industries and how the field of engineering has evolved over time.

PREREQUISITE: Algebra 2 and Robotics.**ASSESSMENTS UTILIZED:** Assessment and project-based.**SUMMER ASSIGNMENT:** None.**HOMEWORK:** Homework will be assigned on a regular basis.

MARINE SCIENCE**COURSE #: 448****CREDIT: ½****COURSE DESCRIPTION:**

This course explores the fascinating world of marine science with a focus on the diverse and dynamic marine ecosystems surrounding Long Island. Students will delve into topics such as oceanography, marine ecology, and coastal ecosystems, gaining a deeper understanding of local biodiversity and the critical role these ecosystems play in global environmental health. Through hands-on activities, videos, and field studies, students will investigate the impacts of human activity on marine environments and explore conservation strategies. By fostering curiosity, critical thinking, and a sense of stewardship, this course aims to inspire a lifelong appreciation for the ocean and its interconnected systems. Laboratory activities reinforce concepts and principles presented. Self-sufficiency and responsibility in work habits required.

ASSESSMENTS UTILIZED: Lab, quizzes, projects, homework, class participation and practical applications.

PREREQUISITES: Successful completion of Earth Science and Living Environment or Biology

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned on a regular basis.

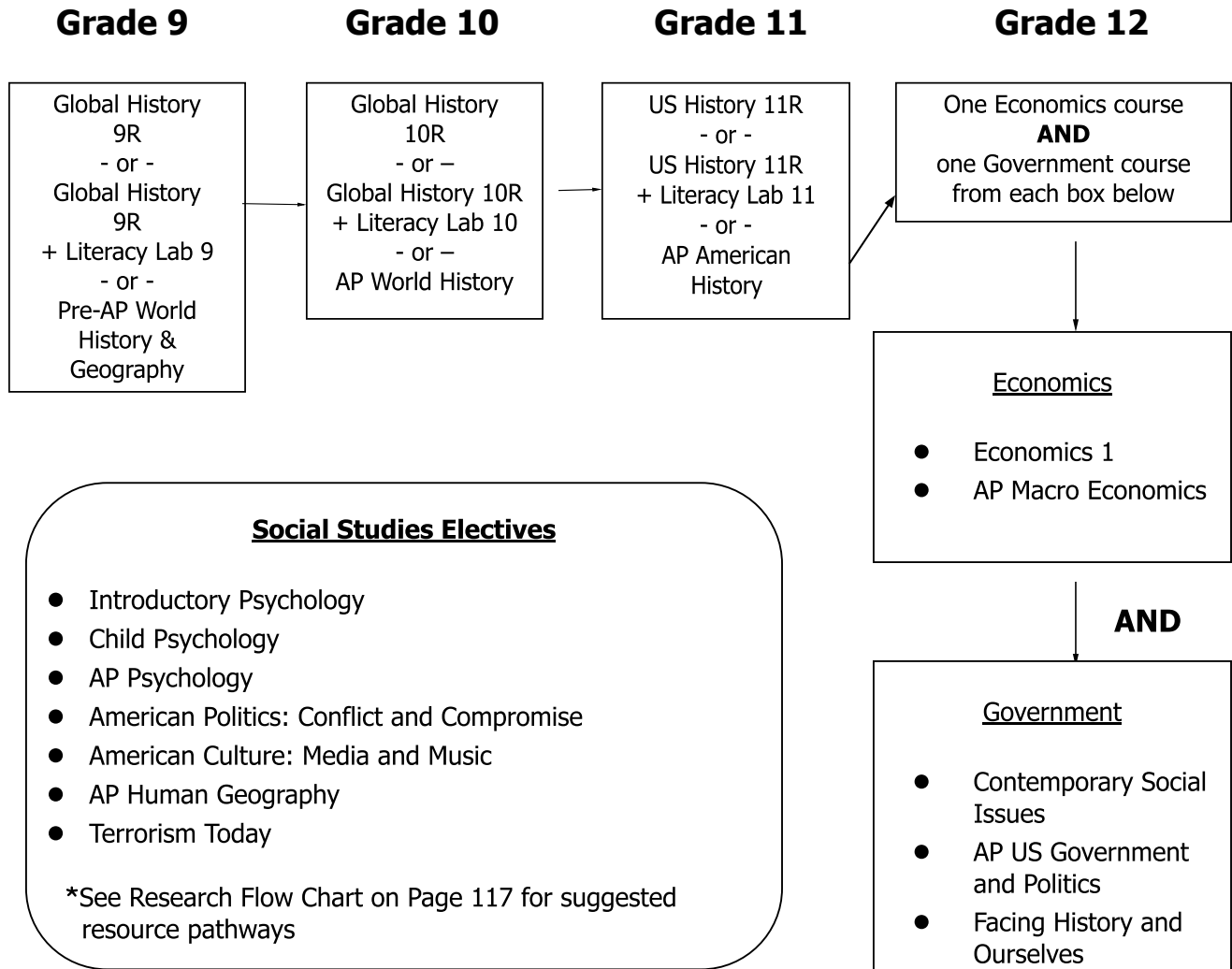
SOCIAL STUDIES

Ms. Maria Carnesi, Chairperson

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SOCIAL STUDIES



- All students must take the Global History Regents at the end of 10th grade and the US History Regents at the end of 11th grade.
- All students taking an AP class take the AP examination.

SOCIAL STUDIES

PRE-AP WORLD HISTORY AND GEOGRAPHY

COURSE #: 204

CREDIT: 1

COURSE DESCRIPTION:

The Pre-AP World History and Geography areas of focus prioritize the skills fundamental to the study of history and geography in high school, AP, and beyond. This gives students multiple opportunities to think and work like historians and geographers as they develop and strengthen these disciplinary reasoning skills throughout their education in history and the social sciences. Humans and the environment, governance, economic systems, culture and society are themes interwoven throughout all units. The course focuses on developments in world history from the ancient period through c. 1450 CE.

ASSESSMENTS UTILIZED: Stimulus based multiple-choice examinations, constructed response questions, free response essays

SUMMER ASSIGNMENT: Yes

HOMEWORK: Daily - approximately 45 minutes

COURSE EXPECTATIONS: It is expected that students are committed to meeting the challenges this course offers. Nightly work, daily and active participation in class and attending remedial, when necessary, are required behaviors for success. It is expected that students are prepared to work diligently to improve positive learning behaviors.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

COURSE DESCRIPTION:

This course begins with the Paleolithic Era and the development of the first civilizations, continues with an examination of classical societies and traces the expansion of trade networks and their global impact. The course emphasizes the key themes of interactions over time, shifts in political power and the role of belief systems. There is significant attention paid to building historical thinking skills.

ASSESSMENTS UTILIZED: Stimulus based multiple-choice examinations, constructed response questions, enduring issue tasks, and a final exam.

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial class when necessary.

COURSE DESCRIPTION:

Advanced Placement world History creates a college-level World History experience in a high school setting. This college-level course parallels the Global History & Geography curriculum, exploring in greater depth the social economic, diplomatic, intellectual and political interrelationships that have shaped history. Primary and secondary materials will be used extensively. There will be writing assignments, in-depth readings and research requirements. The seminar approach will be employed to encourage students to present their points of view. Students must take the Global History Regents in June and are expected to take the Advanced Placement Exam in May as outlined on Page 13-14.

ASSESSMENTS UTILIZED: Stimulus based multiple-choice examinations, constructed response questions, enduring issue tasks, free response essays, group discussions.

SUMMER ASSIGNMENT: Yes

HOMEWORK: Daily - approximately one hour

COURSE EXPECTATIONS: It is expected that students are committed to meeting the challenges this course offers. Nightly work, daily and active participation in class and attending remedial, when necessary, are required behaviors for success. It is expected that students are prepared to work diligently to improve positive learning behaviors.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

Please see pages 13-14 for further information regarding the AP examination.

COURSE DESCRIPTION:

This course is the second half of the study in Global History culminating in a regents exam. This exciting course has been designed to provide students with the opportunity to make thematic connections between and among historical events around the world. It is taught chronologically from The Age of Revolutions (1750-1914) to Present Day Global Interactions and Problems. Significant attention is paid to strengthening historical thinking skills. All students take the Global History Regents in June.

ASSESSMENTS UTILIZED: Stimulus based multiple-choice examinations, constructed response questions and enduring issue essays.

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

**ADVANCED PLACEMENT
UNITED STATES HISTORY****COURSE #: 213****CREDIT: 1****COURSE DESCRIPTION:**

This course is an in-depth study of American History that is taught and graded in line with the standards of an introductory college course in US History. This course exceeds the NYS standards for 11th grade US History and is recommended only for students who are ready to undertake a course that is developed for a college-level text. As the skills needed for success at the college-level may take time to develop fully, students are encouraged to allow time for adjustment to the rigor of the course. Students are expected to analyze primary documents and construct evaluative essays. The course is taught to promote analytical and critical thinking skills and students are given ample opportunity for discussion to present their points of view. Most class discussions are based on reading topics and discussion is driven by the analysis of primary and secondary sources. Students are required to take the US History Regents in June and are expected to take the AP exam in May as outlined on page 13-14.

ASSESSMENTS UTILIZED: Multiple choice, document-based and free response essay questions and civic literacy writing tasks.

SUMMER ASSIGNMENT: Yes

HOMEWORK: Daily - approximately one hour

COURSE EXPECTATIONS: It is expected that students are committed to meeting the challenges this course offers. Nightly work, daily and active participation in class and attending remedial when necessary are required behaviors for success.. It is expected that students are prepared to work diligently to improve positive learning behaviors.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

COURSE DESCRIPTION:

This course includes a chronological / thematic study of US History with particular focus on the US Constitution. Emphasis is placed upon basic principles and the cultural heritage on which our nation is founded in order to develop a stronger commitment to democratic values. All students must take the US History Regents in June. Significant attention is paid to strengthening historical thinking skills.

ASSESSMENTS UTILIZED: Stimulus based multiple-choice examinations, short answer questions, civic/constitutional issue essays.

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

**SENIORS MUST TAKE ONE OF THE FOLLOWING THREE TO MEET
THE PARTICIPATION IN GOVERNMENT REQUIREMENT**

**ADVANCED PLACEMENT US GOVERNMENT
& POLITICS**

COURSE #: 249

CREDIT: ½ (Every other day)

COURSE DESCRIPTION:

This college-level course is designed to give students an analytical perspective on government and politics in the United States. This course exceeds the requirements of the New York State Social Studies Framework. The course involves both the study of general concepts and used to interpret US politics and the analysis of specific case studies. It also requires a familiarity with the various institutions, groups, beliefs and ideas that constitute the US political reality. In addition, the study of current events is a critical component of this course. Students are expected to take the AP exam in May as outlined on page 13-14.

ASSESSMENTS UTILIZED: Stimulus based multiple-choice and essay examination questions created from past Advanced Placement exams. Quizzes based on readings and current events and one analytical paper each quarter.

SUMMER ASSIGNMENT: Yes

HOMEWORK: Daily - approximately one hour

COURSE EXPECTATIONS: It is expected that students are committed to meeting the challenges this course offers. Nightly work, daily and active participation in class and attending remedial when necessary are required behaviors for success. It is expected that students are prepared to work diligently to improve positive learning behaviors.

Please note: if a student chooses to transfer out of this class once the course has begun, there is a possibility that he/she will need to be rescheduled for two, half-year courses during the spring semester to satisfy course credit requirements.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

FACING HISTORY AND OURSELVES**COURSE #: 225-2****CREDIT: ½****COURSE DESCRIPTION:**

This nationally recognized and award-winning course is designed to examine democracy and civic engagement, race in U.S. history, justice and human rights, antisemitism and religious intolerance, bullying and ostracism, global immigration, genocide and mass violence and the Holocaust.

ASSESSMENTS UTILIZED: Exams, essays, projects, presentations, socratic seminars, media literacy tasks

SUMMER ASSIGNMENT: None

CONTEMPORARY SOCIAL ISSUES**COURSE #: 232****CREDIT: ½****COURSE DESCRIPTION:**

The purpose of this course is to increase student's understanding of civic engagement and citizenship within a constitutional democracy. It will work to assist students in understanding and appreciating fundamental concepts of the U.S. Constitution. Analytical studies of contemporary social issues, attention to building media literacy and research skills and current events will be foundational to the course work.

ASSESSMENTS UTILIZED: Stimulus based multiple choice, analytical essay tasks, research projects, presentations, socratic seminars, media literacy tasks

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: It is expected that students are committed to meeting the challenges this course offers. Nightly work, daily and active participation in class and attending remedial when necessary are required behaviors for success. It is expected that students are prepared to work diligently to improve positive learning behaviors.

This course fulfills the POB graduation requirement for public speaking.

**STUDENTS MUST TAKE ONE OF THE FOLLOWING
TWO TO MEET THE ECONOMICS REQUIREMENT**

**ADVANCED PLACEMENT
MACROECONOMICS**

COURSE #: 250

CREDIT: ½

COURSE DESCRIPTION:

The purpose of this college-level course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on national income and price determination and also develops students' familiarity with economic performance measures, economic growth and international economics. Current events are a critical part of this course. Students are expected to take the AP Macroeconomics exam in May as outlined on page 13-14.

ASSESSMENTS UTILIZED: AP level multiple-choice and free response essay examinations and current events

SUMMER ASSIGNMENT: None

HOMEWORK: Daily - approximately one hour

COURSE EXPECTATIONS: It is expected that students are committed to meeting the challenges this course offers. Nightly work, daily and active participation in class and attending remedial when necessary are required behaviors for success. It is expected that students are prepared to work diligently to improve positive learning behaviors.

Please note: if a student chooses to transfer out of this class once the course has begun, there is a possibility that he/she will need to be rescheduled for two, half-year courses during the spring semester to satisfy course credit requirements.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

This course contains unit(s) of study on financial literacy. This course fulfills the POB graduation requirement for public speaking.

COURSE DESCRIPTION:

This is a course in consumerism, economic decision-making and theories. Economic concepts and practices will be explored to enable students to function effectively and intelligently in both their personal life and in the economy of the United States. The purpose of this course is to increase student's understanding of the principles of the United States free market economy in a global context. Exploration of the challenges facing the United States and various policy-making opportunities available to the government to address these challenges as well as student's examination of their individual responsibility for managing their personal finances will be addressed. Attention to media literacy and current events will also be paid.

ASSESSMENTS UTILIZED: Stimulus based multiple choice, analytical essay tasks, research projects, presentations, socratic seminars, media literacy tasks.

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

This course fulfills the POB graduation requirement for public speaking.

This course contains unit(s) of study on financial literacy.

<u>ELECTIVE COURSES</u>

ADVANCED PLACEMENT PSYCHOLOGY
GR 10, 11, AND 12

COURSE #: 223-2

CREDIT: 1

COURSE DESCRIPTION:

This college-level course is a full-year elective for sophomores, juniors and seniors designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students will be exposed to the psychological theories associated with each of the major subfields within psychology to obtain a better understanding of the dynamic interaction between all the forces and factors that allow us to function on a daily basis. Much emphasis is placed on learning and applying the research methods that psychologists use in their science and practice. The course is intended to provide the scope and academic challenge we expected at the college-level. Critical thinking, reading, writing, research and debate are stressed. Students are expected to take the Advanced Placement Psychology Exam in May as outlined on page 13-14.

ASSESSMENTS UTILIZED: AP level multiple-choice and free response essays, quizzes on assigned readings, journal reviews, laboratory write-ups and position papers.

SUMMER ASSIGNMENT: Yes

HOMEWORK: Daily - approximately one hour

COURSE EXPECTATIONS: It is expected that students are committed to meeting the challenges this course offers. Nightly work, daily and active participation in class and attending remedial when necessary are required behaviors for success. It is expected that students are prepared to work diligently to improve positive learning behaviors.

Teacher recommendation is suggested. Without teacher recommendation, consultation with Department Chair and School Counselor is necessary.

INTRODUCTORY PSYCHOLOGY
GRADES 10, 11, AND 12

COURSE #: 223

CREDIT: ½

COURSE DESCRIPTION:

This is a survey course that is open to sophomores, juniors and seniors that is designed to acquaint students with the introductory concepts of Psychology. Areas of study will include the biological bases of behavior and personality development, personality testing, the physiological and psychological aspects of dreaming, coping with frustration, anxiety and stress and the causes and types of mental illness.

ASSESSMENTS UTILIZED: Multiple-choice and essay tests, group and individual projects.

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two to three times a week.

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

This course fulfills the POB graduation requirement for public speaking.

CHILD PSYCHOLOGY
GRADES 10, 11 and 12

COURSE #: 222

CREDIT: ½

COURSE DESCRIPTION:

The Child Psychology course is a half-year sophomore, junior and senior elective designed to introduce students to the systematic and scientific study of the behavior and mental processes of developing human beings across the life-span. This course will aim to give the student an integrated sense of the psychological, cultural, and historical factors that interact to influence and shape a child's developmental process. The class will begin by considering the different models of human development and research designs when working with children. From there, we will move into major developmental phases following the writings of significant theorists for each phase. Issues of particular importance in a given state - attachment and the development of self infancy, social-emotional and identity development in childhood, and cognitive development in adolescence - will be considered as they arise in the developmental sequence. This understanding will be applied through case material, files, and the students' own life experiences

ASSESSMENTS UTILIZED: Exams, essays, projects, presentations, case studies

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two to three times a week.

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

This course fulfills the POB graduation requirement for public speaking.

**AMERICAN POLITICS: CONFLICT
AND COMPROMISE**
GRADES 9, 10, 11 and 12

COURSE #: 224-2

CREDIT: ½

COURSE DESCRIPTION:

This course will address the current state of American political discourse giving students the opportunity to study the political climate in an open, non-partisan way to encourage critical thinking and greater understanding of complex issues as America starts its second century of global leadership. Attention to building media literacy and research skills will be foundational to the coursework.

ASSESSMENTS UTILIZED: Exams, essays, projects, presentations, socratic seminars, research tasks, media literacy tasks

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two to three times a week.

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

This course fulfills the POB graduation requirement for public speaking.

**AMERICAN CULTURE THROUGH
MEDIA AND MUSIC**
GRADES 9, 10, 11 and 12

COURSE #: 226-1

CREDIT: ½

COURSE DESCRIPTION:

In this course students will critically analyze historical eras with a focus on popular culture. Students will progress through American history in an effort to determine how society reacted to events and how movies, fads and music impacted culture. The course is structured around enduring civic issues that have persisted throughout history such as; women and equality, patriotism and protest and civil liberties and the mass media.

ASSESSMENTS UTILIZED: Media analysis, individual and group projects, in-class discussion.

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two to three times a week.

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

This course fulfills the POB graduation requirement for public speaking.

COURSE DESCRIPTION:

Since September 11, 2001 terrorism has dominated headlines and discussions across the globe. How much do we really know about these forms of political violence? Are they new to the modern era? What drives an individual to join a group committed to violent action? Why do some groups employ violence, while others do not? This course will address these and other questions while introducing students to themes and case studies about terrorism such as the IRA, Al-Qaeda and ISIS. Additionally, this course will investigate the relationship between hate groups and domestic terrorism in the United States.

ASSESSMENTS UTILIZED: In class discussions and debates, current events, individual and group projects, writing tasks, media literacy tasks

SUMMER ASSIGNMENT: None

HOMEWORK: Approximately two to three times a week.

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

This course fulfills the POB graduation requirement for public speaking.

ADVANCED PLACEMENT
HUMAN GEOGRAPHY
GRADES 9, 10, 11, 12

COURSE #: 207

CREDIT: 1

COURSE DESCRIPTION:

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the earth's surface. Students will make use of spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools that geographers use in applying their science and practices. AP Human Geography allows students to learn about world population issues, border disputes, and international conflicts. In addition, students are exposed to Economic theories and models as well as world religions and the origins and diffusion of languages. Students will study urban development, industrialization, and city planning. Students will grapple with questions such as

- How does geography help us learn more about our surroundings and what resources and technologies are there to help us in this study?
- To what extent do the demographics of age, sex, race and ethnicity impact population issues?
- In what ways do natural disasters/hazards and region variations impact population patterns?
- How would the issues of health, fertility, and morality impact population patterns?
- In what ways does culture become spread from one location to another?

Students are expected to take the AP exam in May outlined on Page 13-14.

ASSESSMENTS UTILIZED: Stimulus based multiple-choice, document based and free response essay examinations. Group discussions, individual and group projects, writing tasks.

SUMMER ASSIGNMENT: Yes

HOMEWORK: Daily - approximately one hour

COURSE EXPECTATIONS: It is expected that students are committed to working diligently to complete assignments, actively participate in class and attend remedial when necessary.

Consultation with Department Chair and School Counselor is necessary.

SUPPORT COURSES

LITERACY LAB 9

COURSE #: 202-1

CREDIT: 0

COURSE DESCRIPTION:

Literacy Lab 9 is an Academic Intervention Services (AIS) course designed to help support students to develop key literacy skills needed for both the English and Social Studies Regents exams.

ASSESSMENTS UTILIZED: Regents-stylized Practice Assessments

SUMMER ASSIGNMENT: None

LITERACY LAB 10

COURSE #: 206-1

CREDIT: 0

COURSE DESCRIPTION:

Literacy Lab 10 is an Academic Intervention Services (AIS) course designed to help support students to develop key literacy skills needed for both the English and Social Studies Regents exams.

ASSESSMENTS UTILIZED: Regents-stylized Practice Assessments

SUMMER ASSIGNMENT: None

LITERACY LAB 11

COURSE #: 210-1

CREDIT: 0

COURSE DESCRIPTION:

Literacy Lab 11 is an Academic Intervention Services (AIS) course designed to help support students to develop key literacy skills needed for both the English and Social Studies Regents exams.

ASSESSMENTS UTILIZED: Regents-stylized Practice Assessments

SUMMER ASSIGNMENT: None

SPECIAL EDUCATION

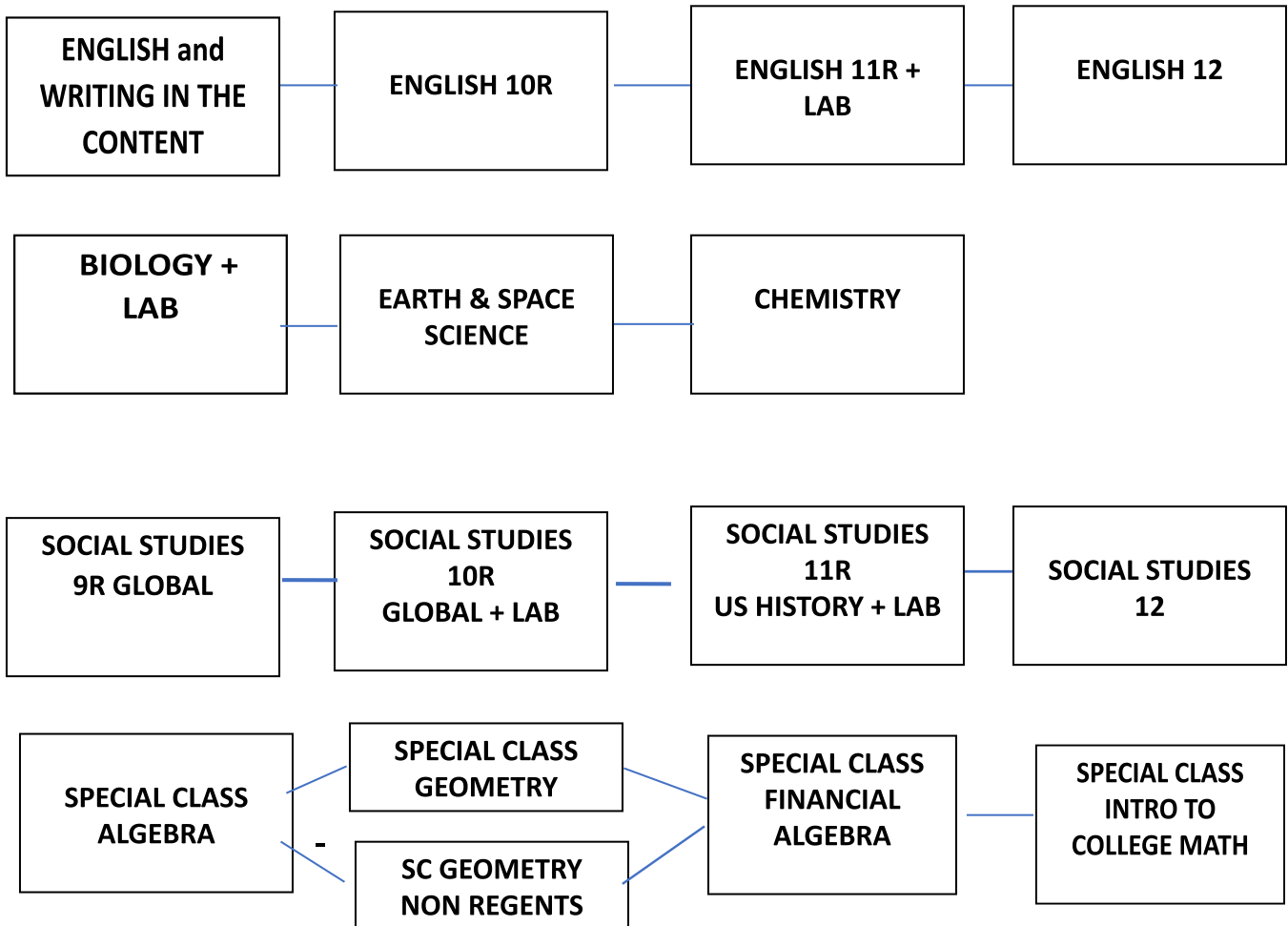
Ms. Sandra Parmentier
Assistant Director
Special Education 9-12

SParmentier@pobschools.org

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SPECIAL CLASS 15:1 FLOW CHART

Grades 9-12



Special Education Course Offerings

All classes require recommendation by the Committee on Special Education

POBJFKHS provides a wide range of services to meet the needs of students with Individualized Education Programs (IEPs). The Committee on Special Education recommends placements and services based on students' needs and goals. Special Education programs are implemented to provide students with IEPs education programs in the least restrictive environments. Course sequence may be dependent on decisions made by the Committee on Special Education (CSE).

INDIRECT CONSULTANT TEACHER

COURSE #: 170B

COURSE DESCRIPTION:

Indirect Consultant Teacher services provides consultation to the general education teacher from a certified special education to assist in adjusting the learning environment and/or modifying the instructional methods to meet the individual needs of students with disabilities who attend their classes. This is the least restrictive recommendation made by the Committee on Special Education for students at the high school.

RESOURCE ROOM

COURSE DESCRIPTION:

Resource Room is a special education program for students who need specialized supplementary instruction in a small group setting for a portion of the day.

RR 9 (965-1)	RR 3/6 (965 C1)
RR10 (965-2)	RR 3/6 (965 C2)
RR11 (965-3)	RR 3/6 (965 C3)
RR12 (965-4)	RR 3/6 (965 C4)

INTEGRATED CO-TEACHING (ICT)

COURSE DESCRIPTION:

Integrated co-teaching classes are general education classes that are co-taught by a general education and special education teacher. These classes are offered in grades 9-11. Placement of students with IEPs in ICT classes are based on CSE decisions and recommendations.

Grade 9	Grade 10	Grade 11
ICT English 9R (102-5)	ICT English 10R (106-5)	ICT English 11R (110-5)
ICT Algebra (301-5)	ICT Geometry (303-5)	ICT Algebra 2 (302-5)
ICT Social Studies (202-5)	ICT Global History (206-5)	ICT US History (210-5)
ICT Earth & Space Science + Lab (406-5)	ICT Biology + Lab (407-5)	ICT Chemistry + Lab (409-5)

SPECIAL CLASSES 15:1

COURSE DESCRIPTION:

Special Classes have a maximum of 15 students with IEPs and are taught by a special education teacher. Students are provided with specially designed instruction adapting content, methodology or delivery of instruction to address students' unique needs. Instruction is aligned with New York State Regents curriculum.

The following classes fulfill the POB graduation requirement for public speaking:

Earth Science (974-4F)

English 10 (973-1B)

English 12 (973-1D)

Social Studies 12 (972-2D)

Grade 9	Grade 10	Grade 11	Grade 12
Social Studies 9 (972-2A)	Social Studies 10 (Global) (972-2B) + Lab	Social Studies 11 (US History) (972-2C) + Lab	Social Studies (972-2D)
Algebra + Lab (974-3A + 974-BM)	Geometry + Lab (974-3C)	Financial Algebra (974-3FA)	Intro to College Math (979-1)
Biology + Lab (978-1 + 978-2)	Earth & Space Science (974-1E)	General Chemistry (11 th or 12 th) (976-DE)	
English 9 (973-1A)	English 10 (973-1B)	English 11 + Lab (973-1C)	English 12 (973-1D)
Writing Though the Content (973-1AB-1)	Geometry (no Regents) (974-3NR)		

SPECIAL CLASSES 12:1:1 Career Path

COURSE DESCRIPTION:

Special Classes in the Career Path Program have a maximum of 12 students with IEPs and are taught by a special education teacher and supported by a special education aide. Students are provided with specially designed instruction adapting content, methodology or delivery of instruction to address students' unique needs. Instruction is aligned with New York State Regents curriculum. Students in this path receive academic, work based learning experiences, and functional academic instruction. The goal of this program is to provide individualized educational, recreational and vocational experiences for students staying in high school until they age out to prepare students for post graduation.

Grade 9	Grade 10	Grade 11	Grade 12
Social Studies 9 (974-2A)	Social Studies 10 (Global + Lab) (974-2B)	Social Studies 11 (US History + Lab) (972-2C)	Social Studies 12 Government and Economics
Basic Algebra (972-3A)	Pre-Algebra (972-3B)	Algebra R (974-3A-2)	Financial Algebra
Living Environment (Part 1) (976-4D)	Living Environment (Part 2) (977-4D)	Earth and Space Science (974-1E)	
English 9 (972-1A)	English 10 + Lab (972-1B)	English 11 + Lab (973-1C)	English 12 + Lab

Additional Courses include:

Year 6: Functional Reading
Consumer Math
Work Experiences

Year 7: Functional Reading
Functional Math
Work Experiences

Electives:

Health (970-9A), Freshman Seminar (983-1-1), Career Exploration (970-5), Vocational Education (970-7), Food, Nutrition and Wellness (877-1A-10), Vocational Education Communication Skills (970-7B), Work Experience (970-6A)

LIFE SKILLS

COURSE DESCRIPTION:

Life Skills classes are designated for students recommended to participate in New York State Alternate Assessment by the Committee on Special Education. Coursework focuses on topics tailored for academics, functional activities of daily living, vocation skills and work experience both in the district and in the community.

Life Skills Activities of Daily Living (970-6C)
Life Skills English (968-LSE)
Life Skills Math (968-LSM)
Life Skills Health (968-LSV)
Vocational Ed (970-7A)
Career Exploration (970-5)
Work Experience (970-6A)
Work Study (970-6B)

ADAPTED PHYSICAL EDUCATION

COURSE #: 912-1

COURSE DESCRIPTION:

The CSE recommends adapted physical education for students whose disabilities preclude them from participating in general education Physical Education classes.

MODIFIED PHYSICAL EDUCATION

COURSE #: 912F

COURSE DESCRIPTION:

The CSE recommends modified physical education for students who require modifications to the general education Physical Education classes.

TECHNOLOGY EDUCATION

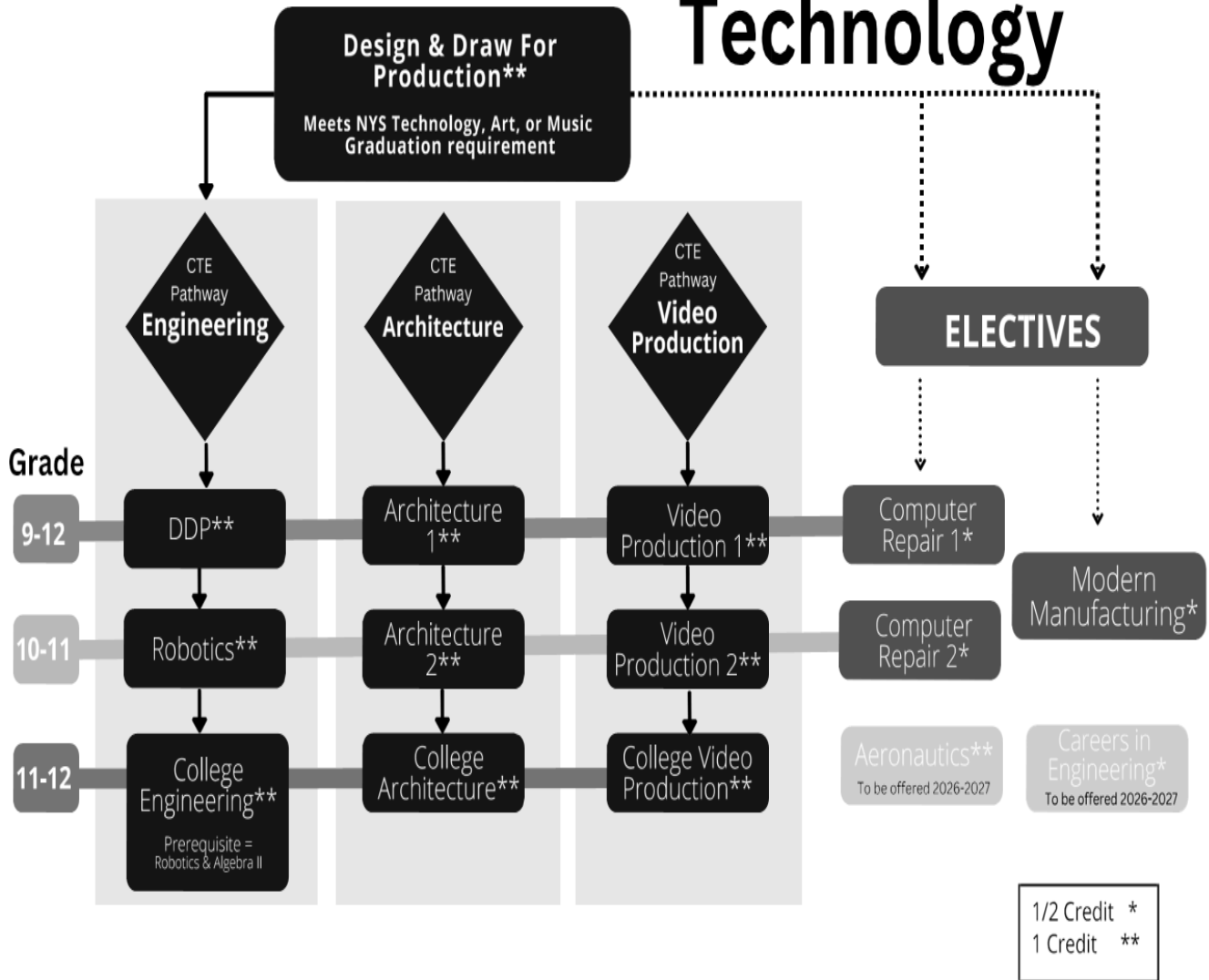
Dr. Joyce Barry, Chairperson

Science, Research & Technology, K-12

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Technology



ARCHITECTURE I**COURSE #: 609****CREDIT: 1****COURSE DESCRIPTION:** *This course focuses on the **design** aspect of Architectural Drawing.*

Students taking this course will explore various types of residential construction. They will learn principles of design, aesthetics, and environmental influences as related to residential construction and design. Students will draw scaled floor plans; create coordinating mood boards to include textures, color, and visual elements representing various styles; sketch interior and exterior elevation drawings; hand-draw scaled structural walls designed to code for residential homes. Their culminating projects will be to create a scaled, single story home to include plexiglass walls showcasing a floor plan demonstrating optimal traffic flow within the space. Students will also build a section model of a residential home representing proper framing, foundation, and roofing construction. In addition, a scaled section of a shed will be constructed by students including footings and foundation, wall framing, flooring and roofing. Students will be introduced to CAD programs such as Autodesk Revit.

PREREQUISITE: None**ASSESSMENTS UTILIZED:** Projects - floor plans and elevation drawings; structure models; architectural aesthetic mood boards.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Homework will be assigned and checked on a regular basis.

ARCHITECTURE II**COURSE #: 609-2****CREDIT: 1****COURSE DESCRIPTION:**

Students taking this course will explore current design trends for both residential and commercial construction to include environmentally conscious and sustainable (green) construction and materials. This course will focus on creating a foundation for technical issues of structures as it relates to construction methods. They will develop an understanding of building materials and assemblies and their characteristics, impacts, and performance. Topics covered include building performance and aesthetics, environmental systems (heating, cooling, daylighting, and acoustics), and basic principles of construction. Students will also develop an understanding of the financial implications of building components and systems. The culminating project will be a scaled model home designed to demonstrate their understanding of materials and systems of construction within specific given restraints.

PREREQUISITE: Successful completion of Architectural Drawing I**ASSESSMENTS UTILIZED:** Projects, plans and drawings; structure models.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Homework will be limited, as most work requires classroom tools and materials.

COLLEGE ARCHITECTURE**COURSE #: 609-5****CREDIT: 1****COURSE DESCRIPTION:**

Students will be introduced to methods of site analysis and research as it relates to spatial awareness, topography of land, and local governmental requirements. They will work on projects both individually and collaboratively. The focus of this course will be communication as it relates to professional practice. Project planning, presentation of design, and organization will be emphasized. Topics include: estimating funds, information resources, and management. Student's final project will involve basic civil engineering and planning as a residential builder. Students will be assigned a plot of land within a neighborhood that they must first pitch their ideas on, then build following local codes and to the expectations of surrounding land owners (their classmates). Each student will have an opportunity to develop a personal portfolio that can be used for professional or collegiate applications.

PREREQUISITE: Successful completion of Architectural Drawing I & II

ASSESSMENTS UTILIZED: Research projects, plans and drawings; structure models; peer presentation and review

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be limited, as most work requires classroom tools and materials.

For more information refer to pages 15 and 16 of the Curriculum Guide.

VIDEO PRODUCTION I**COURSE #: 610****CREDIT: 1****COURSE DESCRIPTION:**

This course will provide fundamentals of video production, including the techniques and aesthetics of shooting, lighting, and editing. Students will be introduced to video camera operation, camera stabilization, audio control, and proper lighting techniques for the best visual impact. All units of study will be hands-on experiences using digital video equipment to include storyboarding, script development, directing, and production techniques for various platforms. The remaining focus of the class is dedicated to computer based video editing. Using PremierPro, students will be developing their skills in editing focusing on color grading, timing, and continuity.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Project-based

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

VIDEO PRODUCTION II**COURSE #: 611****CREDIT: 1****COURSE DESCRIPTION:**

Video Production II will give students the chance to creatively stretch the limits of their basic filming and editing skills while utilizing more advanced videography techniques for production. They will become more skilled in the studio through the use of 4K Pan Tilt Zoom cameras, soundboards, and teleprompter software. There will be a focus on developing the story behind their productions, using a 3 act structure for each production package, no matter the length of the reel. Students will explore and experience each role within our POB News production crew. These productions will be edited using leading industry editing software like PremierPro and After Effects. Students will be required to work in various production roles both in front of and behind the camera in both individual and collaborative work settings.

PREREQUISITE: Successful completion of Video Production I**ASSESSMENTS UTILIZED:** Project-based**SUMMER ASSIGNMENT:** None**HOMEWORK:** Homework will be assigned and checked on a regular basis.

COLLEGE VIDEO PRODUCTION**COURSE #: 612****CREDIT: 1****COURSE DESCRIPTION:**

This culminating Video Production class is designed to support students with a passion to work in the multimedia industry. Students will focus on their personal portfolio development. Program styles include documentary, educational, live broadcasting, and dramatic video production. This course builds on the skills developed in Video I and II classes. There is a strong emphasis on pre production, advanced audio production, advanced visual storytelling, lighting techniques, film/television analysis, and media literacy.

PREREQUISITE: Successful completion of Video Production II**ASSESSMENTS UTILIZED:** Individual productions, feature production, exams and research.**SUMMER ASSIGNMENT:** None**HOMEWORK:** Homework will be assigned and checked on a regular basis.

For more information, refer to pages 15 and 16 of the Curriculum Guide.

DESIGN & DRAWING FOR PRODUCTION**COURSE #: 614-1****CREDIT: 1****COURSE DESCRIPTION:**

This course emphasizes creative problem-solving and technical drawing using Autodesk Inventor and fabrication of student design projects. Students explore principles of engineering, physics, and material processing while enjoying a "hand-on" experience. Students will be utilizing tools and machines to complete projects. This course can be used to meet the one credit Art requirement for graduation. This is for the student that has a passion to work with the Robotics Team and/or Mechanical Engineering.

PREREQUISITE: None

ASSESSMENTS UTILIZED: Projects - computer generated drawings, working models, and class participation. Exams: unit exams and quizzes; notebooks, and work logs.

SUMMER ASSIGNMENT: None**HOMEWORK:** Homework will be assigned and checked on a regular basis.

ROBOTICS**COURSE #: 617****CREDIT: 1****COURSE DESCRIPTION:**

This engineering course covers the elements of electricity, machine design, power transmission, computer controls and programming. Students will learn about various materials (wood, metal, plastic) as related to fabrication and will learn to use various machines in the shop to design and fabricate working models and robotics. Actual robots will be designed and built to compete in competitions utilizing remote controls and autonomous computer programs designed by students. Students enrolled in this course will also learn advanced CAD drawing that utilizes assembly, presentation and multi-part drawings. This is for the student that has that passion to work with the Robotics Team and/or Mechanical Engineering.

PREREQUISITE: Successful completion of Design and Drawing for Production (DDP)**SUMMER ASSIGNMENT:** None**HOMEWORK:** Homework will be assigned and checked on a regular basis.

COLLEGE ENGINEERING
GR 11-12

COURSE #: 612

CREDIT: 1

COURSE DESCRIPTION:

College Engineering is a new interdisciplinary STEM course that will be co-taught by a science and technology education teacher. Junior and senior students will become familiar with a professional software program (MATLAB) to solve authentic engineering problems in the workplace environment. This is a project-based course in which students will work in teams to develop multidisciplinary products. Students will apply engineering principles, integrate the use of MATLAB software with an emphasis on physical science applications and develop technical communication skills through product design. Students will also learn how to program and build advanced robot mechanisms and sensors. This course is a required freshman course for all Hofstra engineering students. Students will earn 3 credits from Hofstra University upon successful completion of the course.

PREREQUISITE: Successful completion of Robotics and Algebra II

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

ASSESSMENTS UTILIZED: Projects-based and class participation. Unit Tests / Quizzes and Certification Tests

For more information, refer to pages 15 and 16 of the Curriculum Guide.

MODERN MANUFACTURING

COURSE #: 604

CREDIT: ½

COURSE DESCRIPTION:

This course is designed to introduce students to the various forms of technology being used in modern manufacturing of a variety of products. Students will learn how to design, plan and implement objects using 3D printing, CNC routers and laser engraving. Students will work together to create a product from design to production to packaging.

PREREQUISITE: Successful completion of Design and Drawing for Production (DDP)

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

COMPUTER REPAIR & MAINTENANCE I**COURSE #: 643****CREDIT: ½****COURSE DESCRIPTION:**

This course addresses the basics of modern computer repair. This course includes information on computer hardware, essentials of computer operation systems. Success in this course requires extensive reading and intense involvement in hands-on activities. Students taking this course may be considering a career as a Computer Engineer.

ASSESSMENTS UTILIZED: Projects - evaluation of various types of computers; repairing of computers; maintaining of computers; design and construction of a computer. Exams: unit exams and quizzes; notebooks, and work logs.

PREREQUISITE: None

SUMMER ASSIGNMENT: None

HOMEWORK: Homework will be assigned and checked on a regular basis.

COMPUTER REPAIR & MAINTENANCE II**COURSE #: 641****CREDIT: ½****COURSE DESCRIPTION:**

This course builds on the information and skills developed in the Computer Repair class. Students will continue to learn with projects and hands-on experiences. In addition, students will learn the specifics of all the Google applications and the operations of the Google Chromebook. Students will apply their expertise throughout the high school building and district as needed to support teachers and students in using computer technology.

ASSESSMENTS UTILIZED: Projects, Exams: unit exams and quizzes; notebooks, and work logs.

PREREQUISITE: Successful completion of Computer Repair & Maintenance I.

SUMMER ASSIGNMENT: None.

HOMEWORK: Homework will be assigned and checked on a regular basis.

AERONAUTICS GR 11-12**COURSE #: 446****CREDIT: 1****COURSE DESCRIPTION:**

This course presents an overview of aviation, enabling the student to gain an appreciation of the complexities of the field of aeronautics. Course content includes aircraft structures, principles of flight, aerodynamics of flight, flight controls, aircraft systems, flight instruments, flight manuals and documents, weight and navigation, aeromedical factors, and aeronautical decision making. The project-based learning model will require students to integrate science, technology, engineering, and mathematics (STEM,) and be innovative thinkers within the realm of aeronautics. Students will expand their understanding through the application of STEM to real world scenarios via laboratory practices and computer applications. Students will demonstrate their knowledge through tests, hands-on demonstrations, technical reports, and projects. This course is co-taught with Technology.

ASSESSMENTS UTILIZED: Projects, exams, homework, class participation and practical application.

PREREQUISITE: Successful completion of Earth Science & Living Environment.

SUMMER ASSIGNMENT: None.

HOMEWORK: Homework will be assigned on a regular basis.

CAREERS IN ENGINEERING GR 11-12**COURSE #: 603****CREDIT: ½****COURSE DESCRIPTION:**

This course is to provide students with a sampling of what a career in engineering could entail. Students will learn about various types of engineers, the expectations for each area, the education and expectations for success in those areas. Students will be assigned projects that involve researching specific industries and how the field of engineering has evolved over time.

ASSESSMENTS UTILIZED: Project-based.

PREREQUISITE: None.

SUMMER ASSIGNMENT: None.

HOMEWORK: Homework will be assigned and checked on a regular basis.

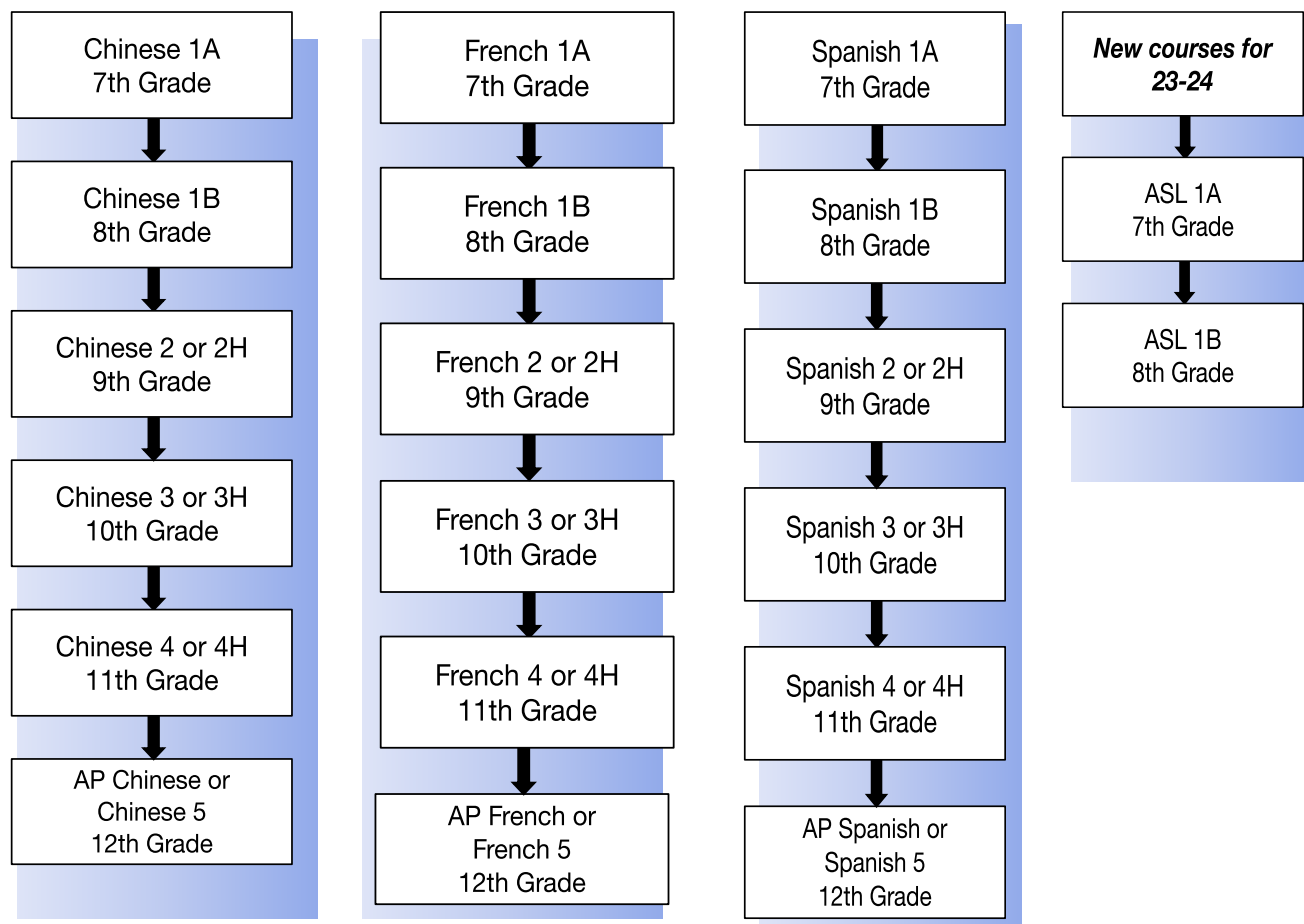
WORLD LANGUAGES

Mr. Leonardo Rivera, Director

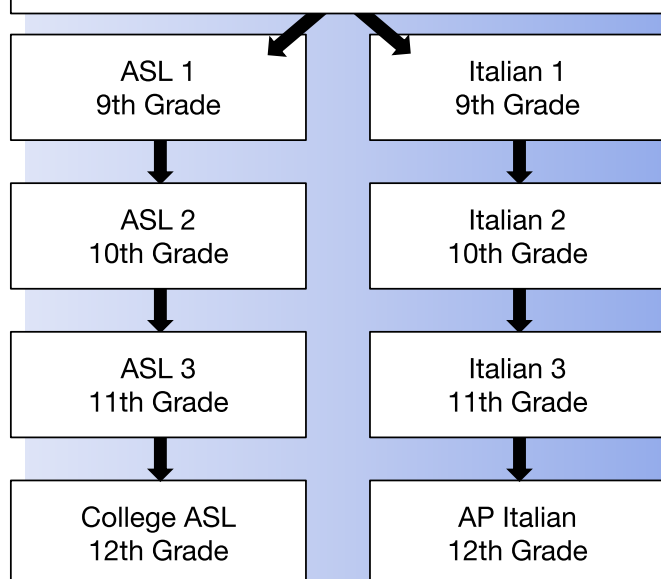
LRivera@pobschools.org

516-434-3179

Course Flow Chart



High School Elective Courses



Additional Information

- Students enrolled in any 8th grade Level 1 language class will take the Checkpoint A examination.
- Students enrolled in any Level 3 language class will take the Checkpoint B examination.
- Students enrolled in an AP course will take the AP Examination in May. Students may be eligible to receive college credits and/or qualify for advanced course placement in college.
- Students enrolled in College language classes may receive college credit through Adelphi University. Tuition to be paid directly to Adelphi.
- World Language Honor Society applicants must be enrolled in the specific language in 9th and 10th grade. Other requirements, such as minimum average and community service requirements apply.
- ***All High School students are encouraged to take a second world language!***

WORLD LANGUAGES

ASL 1

COURSE #: 560

CREDIT: 1

COURSE DESCRIPTION:

This is an introductory course which will enable students to communicate through basic vocabulary, body language and facial expressions. Students will learn the cultural and linguistic differences of the Deaf community. Aligned to the NYS Checkpoint A learning standards for Languages Other Than English (LOTE), students begin to develop their receptive and expressive skills in American Sign Language.

ASSESSMENTS UTILIZED: Tests, quizzes and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Daily as needed

COURSE EXPECTATIONS: Course is designed for students with no background in the language. Students are expected to practice the language on a daily basis.

ITALIAN I

COURSE #: 521

CREDIT: 1

COURSE DESCRIPTION:

An introductory course for communicating in everyday life situations. Emphasis on speaking, reading, writing and listening. Learn about Italian culture. Course content is aligned to NYS Learning Standards for Checkpoint A.

ASSESSMENTS UTILIZED: Projects, tests, quizzes

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: Course is designed for students with little or no background in the language. Students are expected to practice the language on a daily basis.

LEVEL 2H - CHINESE, FRENCH, SPANISH**COURSE #:** 519-2-1

Chinese

CREDIT: 1

502-1

French

511-1

Spanish

COURSE DESCRIPTION:

This course provides reinforcement and expansion of the curriculum topics introduced in Level I. It is designed to begin developing advanced linguistic skills in preparation for the level 3H, 4H and AP Language courses. Emphasis is on developing speaking, reading, writing and listening at Checkpoint B level proficiency. Students will participate in the National Exams during the Spring semester. The course will be conducted for the most part in the target language.

ASSESSMENTS UTILIZED: Tests, quizzes, projects internet/quizzes, and student-to-student speaking

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

PREREQUISITE: French 1, Spanish 1, Chinese 1

COURSE EXPECTATIONS: Students are expected to practice the language on a daily basis. Students who opt for this course should have achieved a high level of mastery in all four skills, reading, listening, writing and speaking with an emphasis on grammar and pronunciation.

Teacher recommendation is strongly suggested. Without teacher recommendation, please consult with the Department Chairperson and School Guidance Counselor.

**LEVEL 2 - CHINESE, FRENCH,
ITALIAN, SPANISH**

COURSE #: 519-2 Chinese
502 French
522 Italian
511 Spanish

CREDIT: 1

COURSE DESCRIPTION:

Level 2 provides a reinforcement and expansion of the curriculum topics introduced in Level 1. Emphasis on developing speaking, reading, writing and listening at a Checkpoint B level of proficiency.

ASSESSMENTS UTILIZED: Tests, quizzes, projects, internet tests/quizzes, and student-to-student speaking

HOMEWORK: Daily

PREREQUISITE: Chinese 1, French 1, Italian 1 or Spanish 1 or permission of the Chairperson.

COURSE EXPECTATIONS: Students are expected to practice the language on a regular basis.

ASL 2

COURSE #: 561

CREDIT: 1

COURSE DESCRIPTION:

This course expands the student's knowledge of ASL grammar, syntax and vocabulary development. Dialogues, short stories and narratives will focus on expansion of comprehension. Topics that are culturally significant to the Deaf community will be discussed. Aligned to the NYS Checkpoint B learning standards for Languages Other Than English (LOTE), students continue to develop their receptive and expressive skills in American Sign Language.

ASSESSMENTS UTILIZED: Tests, quizzes and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: Students are expected to practice the language on a daily basis.

LEVEL 3H - CHINESE, FRENCH, SPANISH**COURSE #:** 519-3-1 Chinese
503-1 French
512-1 Spanish**CREDIT: 1****COURSE DESCRIPTION:**

This course provides reinforcement and expansion of the curriculum topics introduced in Level 2. It also prepares students for a Checkpoint B assessment in the target language across the skills of reading, writing, listening and speaking. Additionally, more advanced linguistic skills are developed to meet the challenges of moving to higher levels of proficiency in the level of 4H and AP Language courses. Students will participate in the National Exams during the Spring semester. The course will be conducted almost entirely in the target language. Students should expect to hear minimal English in this class.

ASSESSMENTS UTILIZED: Tests, quizzes, projects internet tests/quizzes, and student-to-student speaking and presentation speaking.

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

PREREQUISITE: Spanish 2H, French 2H, Chinese 2H or permission of the Chairperson

COURSE EXPECTATIONS: Students are expected to practice the language on a daily basis. Students who opt for this course should have achieved a high level of mastery in all four skills, reading, listening, writing and speaking with an emphasis on grammar and pronunciation. At the end of this course, students will take a Checkpoint B assessment in the target language and, upon successful completion of the assessment and three years of coursework, will be eligible for an Advanced Regents Diploma. Coursework includes tasks similar to those found on the AP French or Spanish Language Exam.

Teacher recommendation is strongly suggested. Without teacher recommendation, consultation with the Department Chairperson and School Guidance Counselor is necessary.

**LEVEL 3 - CHINESE, FRENCH,
ITALIAN, SPANISH**

COURSE #: 519-3 Chinese
503 French
523 Italian
512 Spanish

CREDIT: 1

COURSE DESCRIPTION:

This course provides reinforcement and expansion of the curriculum topics introduced in Level 2. It also prepares students for a Checkpoint B assessment in the target language across the skills of reading, writing, listening and speaking. Students will be able to communicate with increasing ease.

ASSESSMENTS UTILIZED: Tests, quizzes, projects internet tests/quizzes, and student-to-student speaking

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

PREREQUISITE: Spanish 2/2H, French 2/2H, Chinese 2, Italian 2.

COURSE EXPECTATIONS: Students are expected to practice the language on a regular basis. At the end of this course, students will take a Checkpoint B assessment in the target language and, upon successful completion of the assessment and three years of coursework, will be eligible for an Advanced Regents Diploma.

ASL 3

COURSE #: 562

CREDIT: 1

COURSE DESCRIPTION:

This course continues to stress communicative proficiency and will focus upon receptive and expressive storytelling, advanced grammatical concepts and improved expression. Students will be expected to work individually, in addition to participating in group activities. This course culminates with the locally developed Checkpoint B assessment.

ASSESSMENTS UTILIZED: Tests, quizzes and projects

SUMMER ASSIGNMENT: None

HOMEWORK: Daily

COURSE EXPECTATIONS: At the end of this course, students will take a Checkpoint B assessment in the target language and, upon successful completion of the assessment and three years of coursework, will be eligible for an Advanced Regents Diploma. Students are expected to practice the language on a daily basis.

LEVEL 4H - CHINESE, FRENCH, SPANISH**COURSE #:** 519-4-1 Chinese
505-1 French
514-1 Spanish**CREDIT: 1****COURSE DESCRIPTION:**

This course provides reinforcement and expansion of the curriculum topics introduced in Level 3. Students develop advanced linguistic skills in speaking, listening, reading and writing skills, as defined by Checkpoint C standards, in order to meet the challenges of moving to higher levels of proficiency in the AP Language course. On a regular basis, students read and listen to authentic texts (e.g., television news clips, radio interviews, newspaper articles) while developing a larger vocabulary and a deeper understanding of culture in French/Spanish-speaking countries. These materials will be the basis of discussion, speaking presentations and creative projects on contemporary issues. Students will participate in the National Exams during the Spring semester. The course will be conducted in the target language and students are expected to use the target language regularly in class.

ASSESSMENTS UTILIZED: Tests, projects, presentational speaking (live and recorded), dialogues**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily**PREREQUISITE:** French 3H, Spanish 3H and Chinese 3H and successful completion of the Checkpoint B Exam.**COURSE EXPECTATIONS:** Students are expected to practice the language on a daily basis. Coursework includes tasks similar to those found on the AP French or Spanish Language Exam.

Teacher recommendation is strongly suggested. Without teacher recommendation, please consult with the Department Chairperson and School Guidance Counselor.

LEVEL 4 - CHINESE, FRENCH, SPANISH**COURSE #:** 519-4 Chinese
505 French
514 Spanish**CREDIT: 1****COURSE DESCRIPTION:**

This course provides reinforcement and expansion of the curriculum topics introduced in Level 3. Students develop speaking, listening, reading and writing skills, as defined by Checkpoint C standards. Students watch excerpts of films, read authentic fiction and non-fiction text while developing a larger vocabulary. These materials will be the basis of discussion, speaking presentations and creative projects. This course is intended for students who wish to continue their language study for travel and business and to develop a better understanding of culture in the countries where the language is spoken.

ASSESSMENTS UTILIZED: Tests, projects internet tests/quizzes, speaking presentations**SUMMER ASSIGNMENT:** None**HOMEWORK:** Daily as needed**PREREQUISITE:** French 3, Spanish 3 or Chinese 3 and successful completion of the Checkpoint B Exam.**COURSE EXPECTATIONS:** Students are expected to practice the language on a regular basis.

[AP CHINESE LANGUAGE & CULTURE](#)
[AP FRENCH LANGUAGE & CULTURE](#)
[AP ITALIAN LANGUAGE & CULTURE](#)
[AP SPANISH LANGUAGE & CULTURE](#)

COURSE #: 519-6 Chinese
509 French
525 Italian
518 Spanish

CREDIT: 1

COURSE DESCRIPTION:

An advanced course emphasizing the use of language for active communication and academic purposes. As defined by the College Board, this course has as its objectives: the development of understanding spoken language in various contexts; reading articles, literary texts and non-technical writings; expressing oneself coherently with reasonable fluency and accuracy in both written and spoken form. Course content includes current events, contemporary society, literature, art and film. Authentic texts (e.g., television news clips, radio interviews, newspaper articles) are integral components. In May, students are required to take the Advanced Placement Examination. Upon successful completion, depending on the college, advanced language study placement and/or college credit may possibly be awarded.

ASSESSMENTS UTILIZED: Tests, projects, presentational speaking (live and recorded), dialogues

SUMMER ASSIGNMENT: Yes

HOMEWORK: Daily

PREREQUISITE: High level of achievement in French 4H, Italian 3, or Spanish 4H is strongly suggested.

COURSE EXPECTATIONS: Students are expected to practice the language on a daily basis, and take the AP Exam in May. Coursework includes tasks similar to those found on the AP French or Spanish Language Exam.

Teacher recommendation is strongly suggested. Without teacher recommendation, please consult with the Department Chairperson and School Guidance Counselor.

Please see page 13-14 for further information regarding the AP examination.

COLLEGE SPANISH, COLLEGE FRENCH
COLLEGE ASL

COURSE #: 564 ASL
508-2 French
516-5 Spanish

CREDIT: 1

COURSE DESCRIPTION:

This course provides a reinforcement and expansion for the curriculum topics introduced in Level 4. Students further develop speaking, listening, reading and writing skills, as defined by Checkpoint C standards. Students can elect to pay for college credit through Adelphi University. Students read short stories from well-known writers. Excerpts of films, and other audio/visual materials are also used to foster individual oral competency. These authentic materials increase cultural awareness and form the basis of discussion, speaking presentations and creative projects.

PREREQUISITE: French 4 or Spanish 4 or ASL 3

ASSESSMENTS UTILIZED: Tests, projects, internet tests/quizzes, speaking presentations

SUMMER ASSIGNMENT: None

HOMEWORK: Daily as needed

COURSE EXPECTATIONS: Students are expected to practice the language on a regular basis.

For more information, refer to pages 15-16 of the Curriculum Guide.

LEVEL 5 CHINESE

COURSE #: 519-5

CREDIT: 1

COURSE DESCRIPTION:

This course provides a reinforcement and expansion for the curriculum topics introduced in Level 4. Students further develop speaking, listening, reading and writing skills, as defined by Checkpoint C standards. Students read authentic texts (articles, excerpts of texts, web pages). Excerpts of films, and other audio/visual materials are also used to foster individual oral competency. These authentic materials increase cultural awareness and form the basis of discussion, speaking presentations and creative projects.

PREREQUISITE: Chinese 4/4H

ASSESSMENTS UTILIZED: Tests, projects, internet tests/quizzes, speaking presentations

SUMMER ASSIGNMENT: None

HOMEWORK: Daily as needed

COURSE EXPECTATIONS: Students are expected to practice the language on a regular basis.

DRIVER'S EDUCATION**COURSE #:** 0013, 0014**CREDIT:** 0**GRADES:** 10, 11 and 12 (age 16 and older)**COURSE DESCRIPTION:**

Driver and Traffic Safety Education in New York State schools is a course implemented via a joint partnership between the New York State Education Department (NYSED), and the Department of Motor Vehicles (DMV). The Driver Education course is intended to educate students (age 16 and older) on appropriate driving skills and habits as well as playing a responsible role in the highway transportation / safety system. Course highlights include 24 hours of classroom instruction and 24 hours of behind-the-wheel training and observation. Students who satisfactorily complete the course are eligible to receive the MV-285 Student Certificate of Completion. The MV-285 Student Certificate of Completion allows:

1. A NYS Junior Permit holder to schedule a road test,
2. Young drivers a possible reduction in automobile insurance cost (participation is dependent upon insurance provider participation), and
3. A 17 year-old to receive a senior license (MV-285 form must be submitted to local DMV to attain this benefit).

Bell Auto School will provide the driving instruction.

Credits: No school / college credits (Certificate of Completion)

COST: \$500 for lecture and driving instruction

PREREQUISITE: Valid NYS DMV Learner's Permit. (Must be 16 years of age to participate).

ASSESSMENTS UTILIZED:**HOMEWORK:**

COURSE EXPECTATIONS: Students are expected to attend all classes, actively participate in class, complete all in class and homework assignments and maintain positive learning behaviors in the classroom.

BOCES

Vocational Education at Barry Tech

Long Island High School for the Arts

BOCES vocational programs provide students with the opportunity to combine academic coursework with career exploration and preparation. Barry Tech educates students with specific occupational and technical skills. Each year students earn four credits towards their Regents Diploma. Some programs include embedded credits that also fulfill graduation requirements. In addition, many colleges grant Barry Tech graduates college credit or advanced standing. At Long Island High School for the Arts (LIHSA), emerging artists get the opportunity to explore and refine their talents in a master apprentice, arts-centered community.

Any student interested in attending LIHSA or Barry Tech must meet with their counselor regarding the application process and timeline. Students must inform their counselor of their interest by the end of the first quarter, in the year prior to the planned attendance. Please be advised BOCES attendance is only available in a student's junior and senior years. Students may only participate in Board of Education approved programs.
